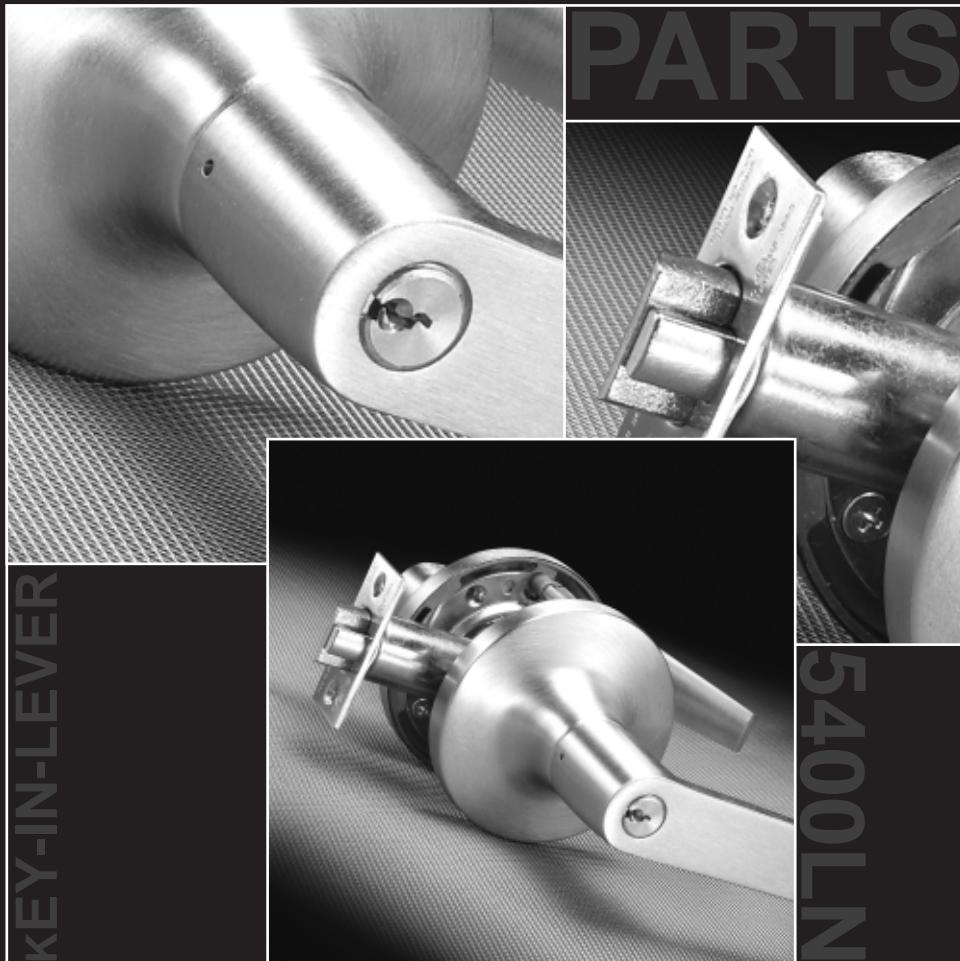


Yale®

GRADE 1 KEY-IN-LEVER CYLINDRICAL LOCKSET

5400LN SERIES



PARTS & SERVICE MANUAL

HOW TO ORDER PARTS

To order parts, use the appropriate part number and specify finish if necessary.

For example, to order 10 lock bodies for ten Entrance Function (5407LN), use the following configuration:

Quantity	Part Number	Description
10	14-5407-0902-048	5407LN Lock bodies

To order 10 sets of Augusta Levers for a Classroom Function in 626, use the following specification:

Quantity	Part Number	Description
10	14-5407-6038-025	Outside AU Cylinder Lever in 626
10	14-5401-6063-025	Inside AU Plain Lever in 626

To order 10 plug retainers for the 1802 Key-in-Lever Cylinder, use the following specification:

Quantity	Part Number	Description
10	99-9999-4561-999	1802 Cylinder Plug Retainers

-Please refer to the installation instructions for complete installation.

-For further assistance, contact your authorized YSG distributor or contact YSG directly at (800) 438-1951.

FINISH CHART

Finish	Description	Roses	Levers	Pushbuttons/Turnbuttons	Cylinder Plugs
605	Bright Brass	003	043	043	004
606	Satin Brass	004	044	044	004
612	Satin Bronze	010	050	050	004
613	Oil Rubbed Bronze	007	060	060	004
625	Bright Chrome	026	026	026	025
626	Satin Chrome	025	025	025	025
693	Black Powder Coat	200	200	200	025

FINISH CARE

5400LN Cylindrical Locks are designed to provide the highest standard of product quality and performance. Care should be taken to insure a long-lasting finish. When cleaning is required, use a soft damp cloth. Using lacquer thinners, caustic soaps, abrasive cleaners or polishes could damage the coating and result in tarnishing.

MAINTENANCE

Yale 5400LN Cylindrical locks are manufactured to be maintenance free under normal operating conditions and environments. Subject to extremely heavy traffic and/or particularly dusty and dirty environmental conditions, however, may eventually cause unsatisfactory operation due to slow moving parts or sticking cylinders. In this case, it may be necessary to clean and re-lubricate the lockset to maintain optimum performance. To clean the lockset mechanism, use a penetrating or solvent type lubricant to loosen sticking components, then lubricate with lithium grease. To free sticking or jammed cylinders, lubricate with graphite or a non-oily lubricant (such as Lock-EZE). Do not use petroleum based lubricants in the cylinder keyway.

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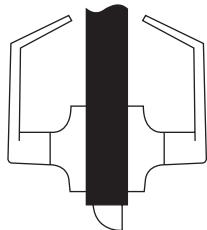
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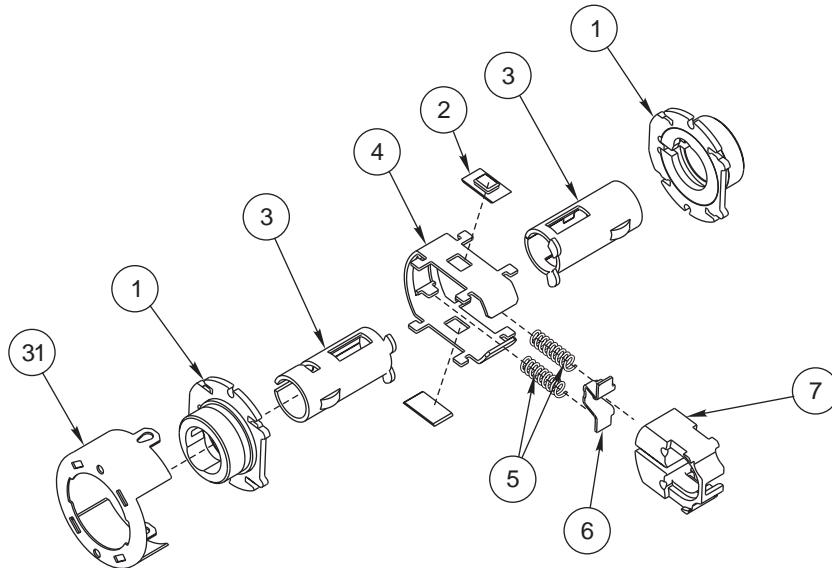
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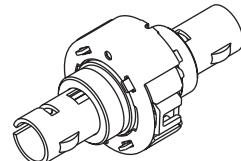
5401LN



Passage Lockset **F75**



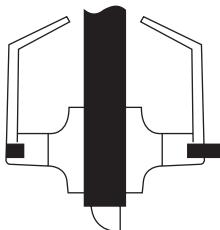
Sold as complete lock body assembly only.



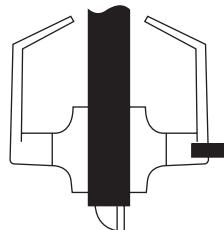
Part # 14-5401-0914-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	2
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
31	Case Cover	1

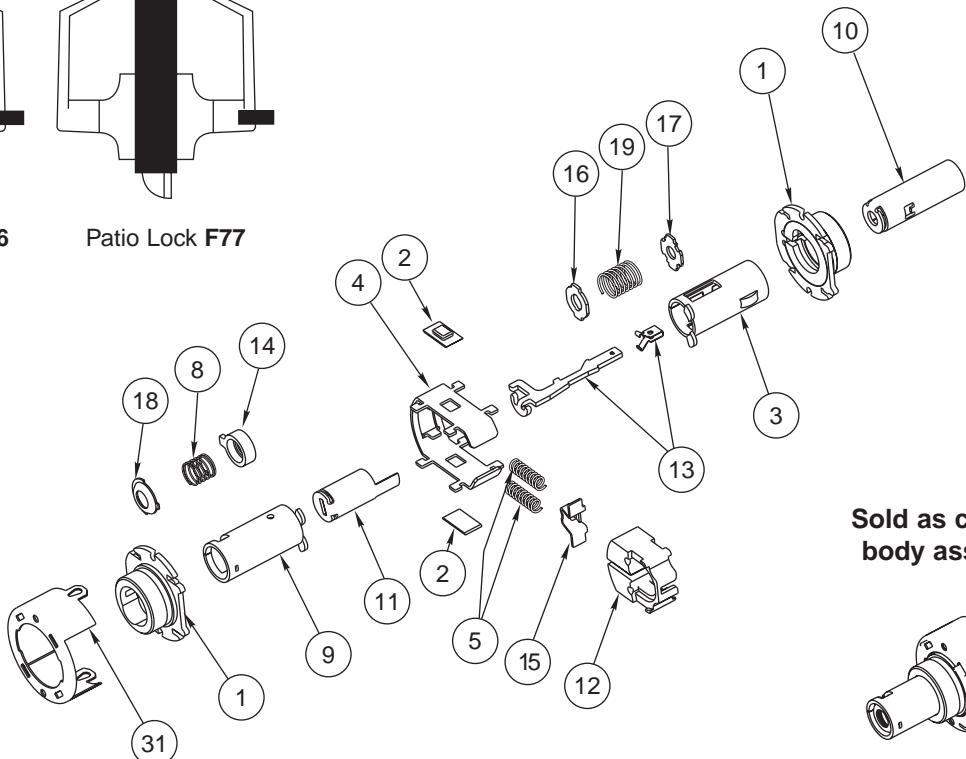
5402LN/5403LN



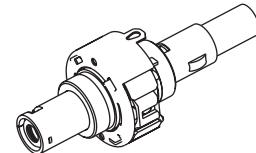
Privacy Lock F76



Patio Lock F77



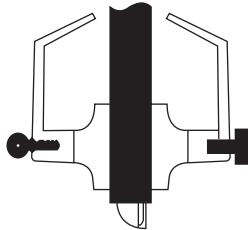
Sold as complete lock body assembly only.



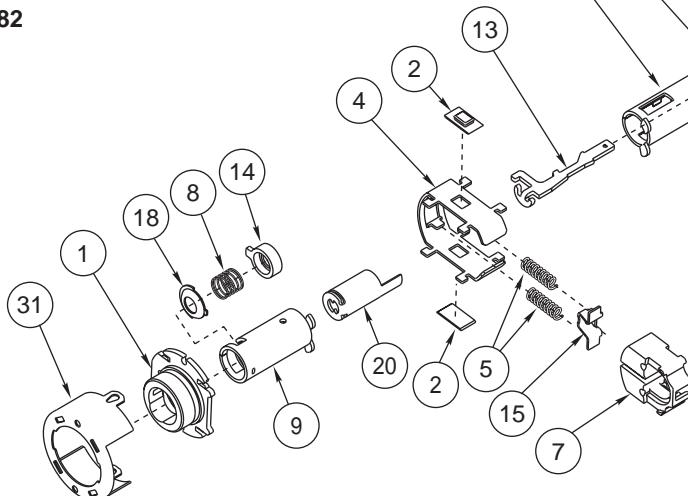
Part #14-5402-0902-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
8	Pawl Spring	1
9	Spindle - Outside	1
10	Adjusting Tube	1
11	Release Tube	1
12	Retractor #2	1
13	Stem Assembly	1
14	Pawl	1
15	Catch	1
16	Spring Bank	1
17	Connecting Washer	1
18	Spring Seat	1
19	Spring - #2 Stem	1
31	Case Cover	1

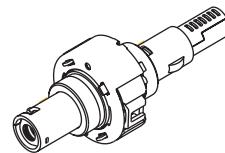
5404LN



Entrance Lock F82



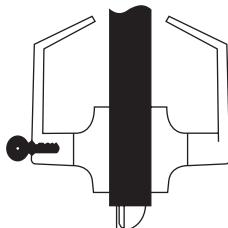
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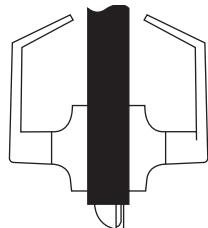
Part #14-5404-0528-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
7	Retractor #1	1
8	Pawl Spring	1
9	Spindle - Outside	1
10	Adjusting Tube	1
13	Stem Assembly	1
14	Pawl	1
15	Catch	1
16	Spring Bank	1
17	Connecting Washer	1
18	Spring Seat	1
19	Spring - #2 Stem	1
20	Release Tube	1
31	Case Cover	1

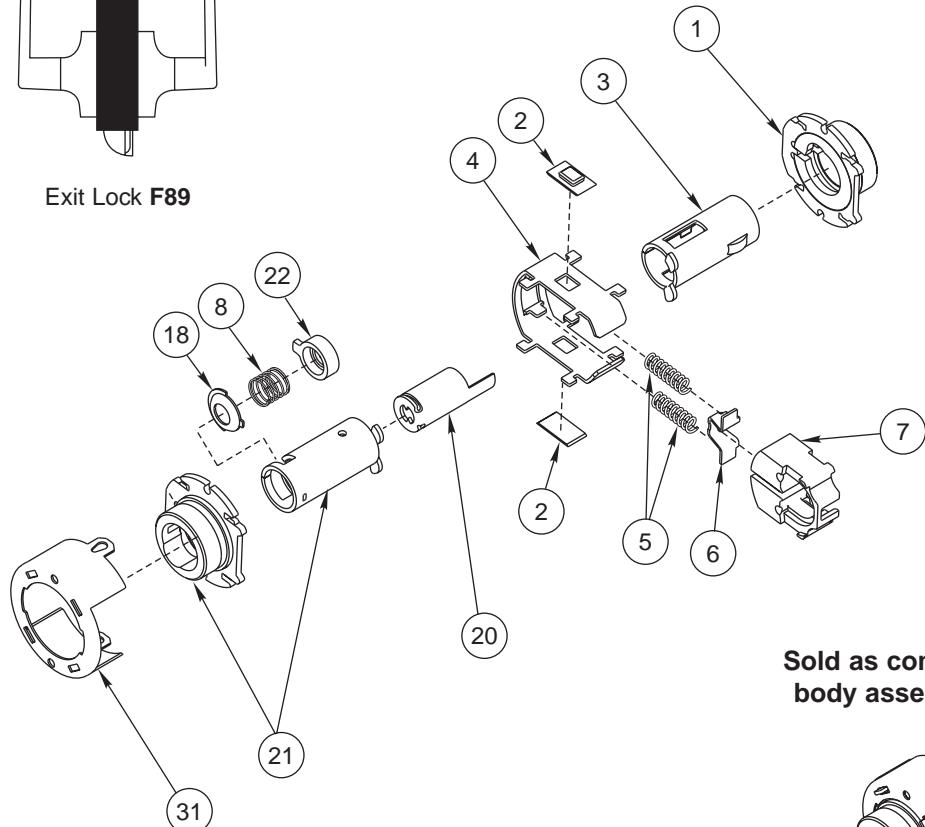
5405LN/5409LN



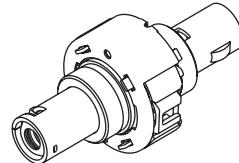
Storeroom or Closet **F86**



Exit Lock **F89**



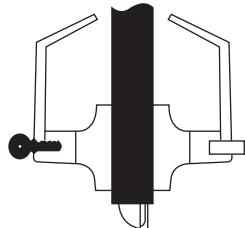
Sold as complete lock body assembly only.



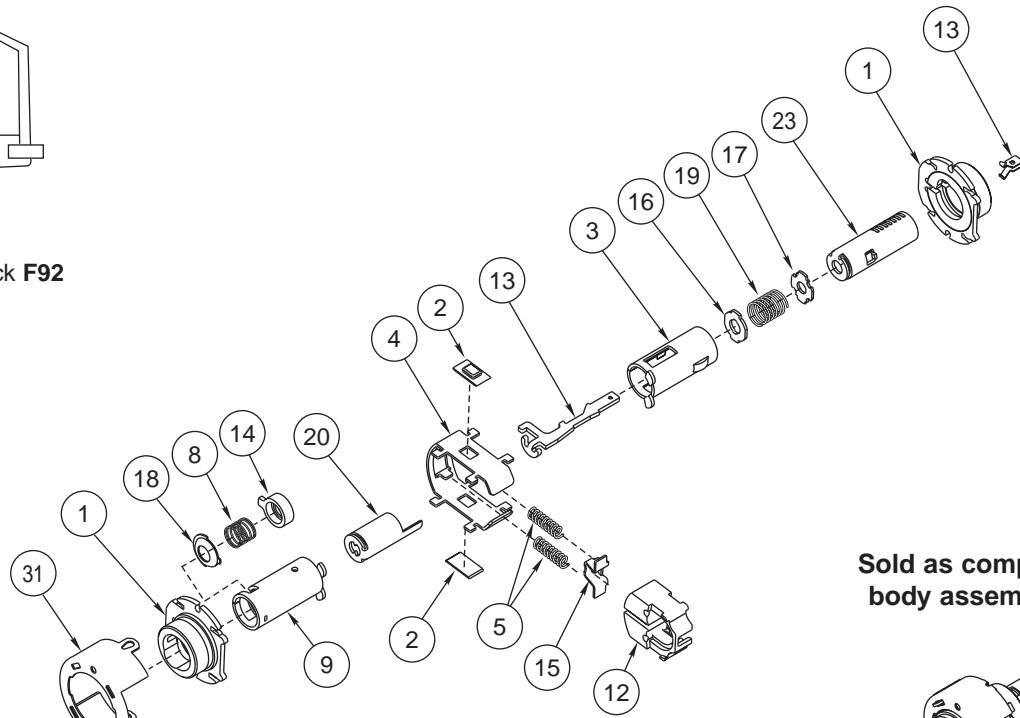
Part #14-5405-0901-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	1
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	1
18	Spring Seat	1
20	Release Tube	1
21	Spindle/Flange Assembly	1
22	Pawl - Modified	1
31	Case Cover	1

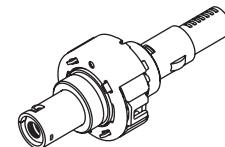
5406LN



Service Station Lock F92



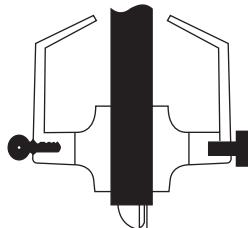
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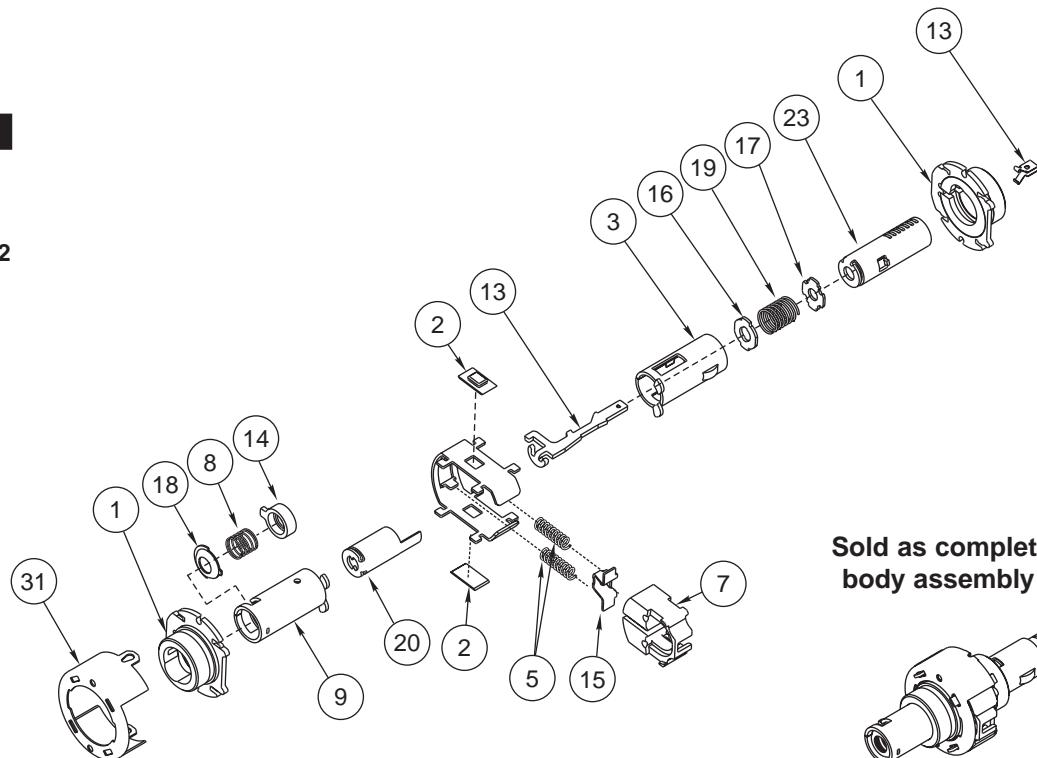
Part #14-5406-0402-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
8	Pawl Spring	1
9	Spindle - Outside	1
12	Retractor #2	1
13	Stem Assembly	1
14	Pawl	1
15	Catch	1
16	Spring Bank	1
17	Connecting Washer	1
18	Spring Seat	1
19	Spring - #2 Stem	1
20	Release Tube	1
23	Adjusting Tube	1
31	Case Cover	1

5407LN



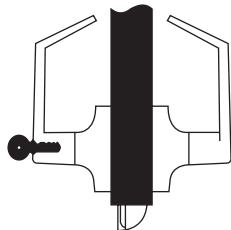
Entrance Lock **F81/82**



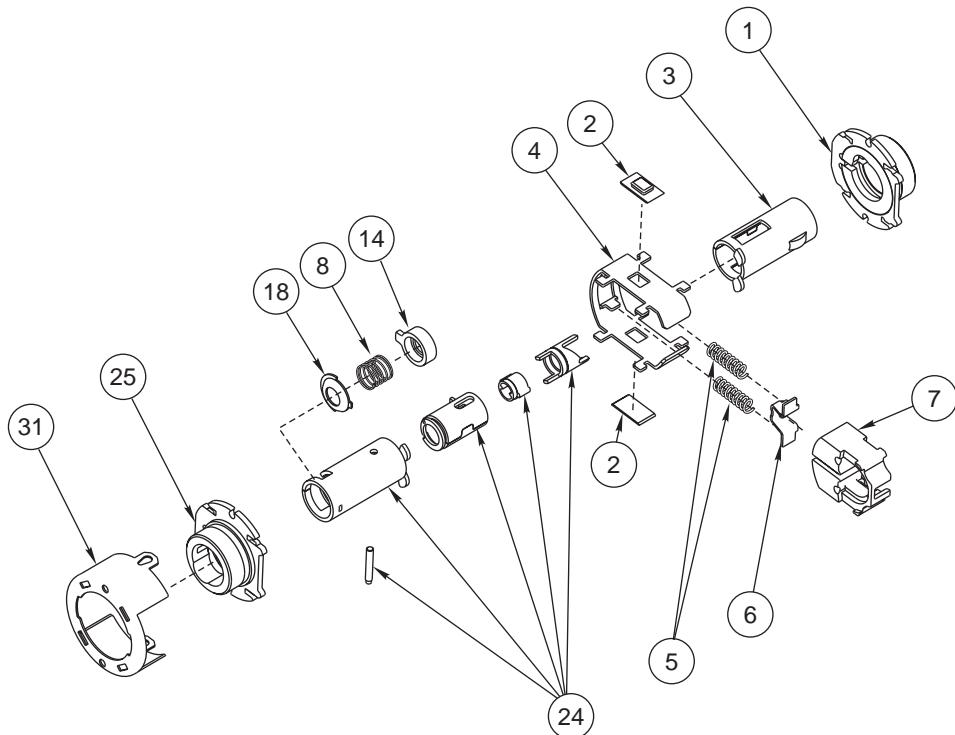
Part #14-5407-0902-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
7	Retractor #1	1
8	Pawl Spring	1
9	Spindle - Outside	1
13	Stem Assembly	1
14	Pawl	1
15	Catch	1
16	Spring Bank	1
17	Connecting Washer	1
18	Spring Seat	1
19	Spring - #2 Stem	1
20	Release Tube	1
23	Adjusting Tube	1
31	Case Cover	1

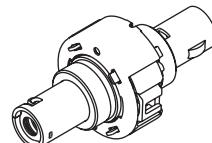
5408LN



Classroom Lock **F84**



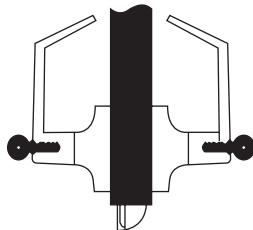
Sold as complete lock body assembly only.



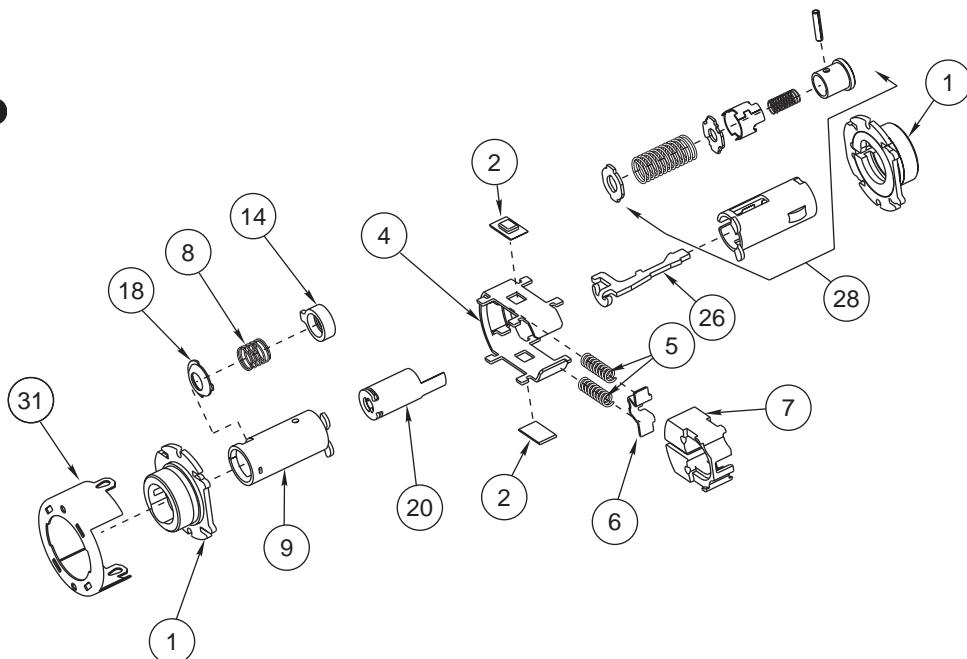
Part #14-5408-0901-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	1
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	1
14	Pawl	1
18	Spring Seat	1
24	Classroom Spindle Assembly	1
25	Flange Assembly	1
31	Case Cover	1

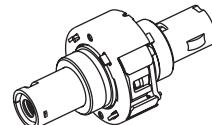
5417LN



Apartment Lock F88



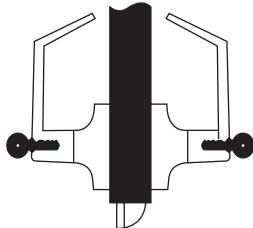
Sold as complete lock body assembly only.



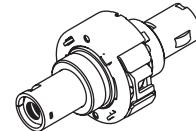
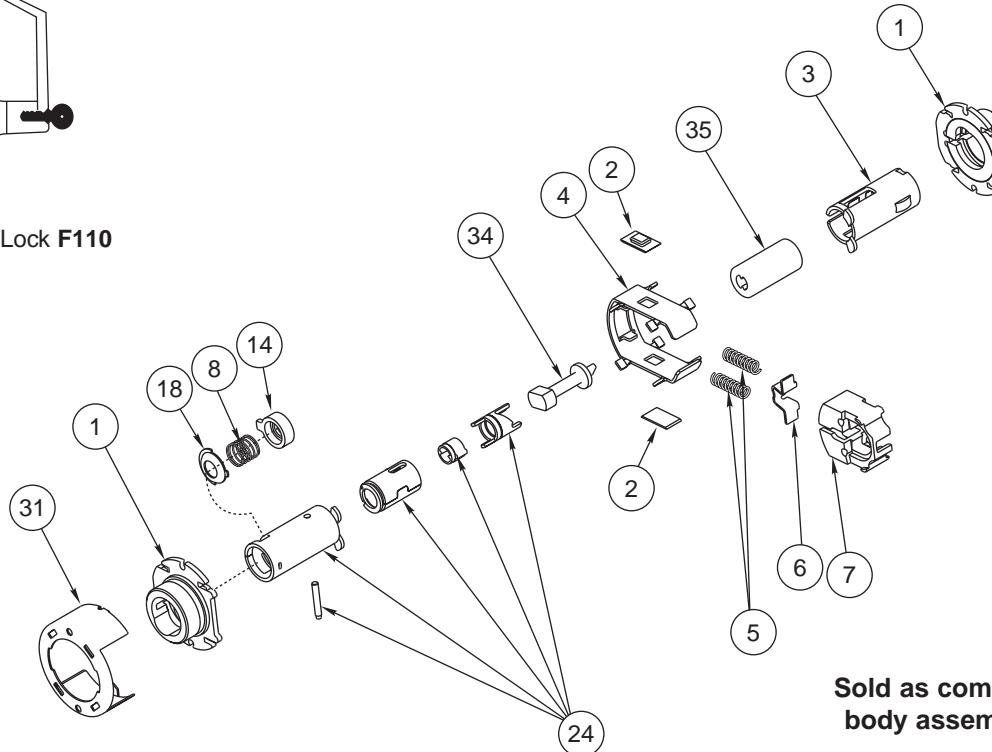
Part #14-5417-0902-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	1
9	Spindle - Outside	1
14	Pawl	1
18	Spring Seat	1
20	Release Tube	1
26	Stem - Modified	1
28	Apartment Spindle Assembly	2
31	Case Cover	1

5418LN



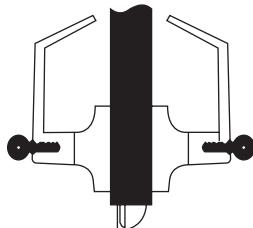
Classroom Intruder Lock **F110**



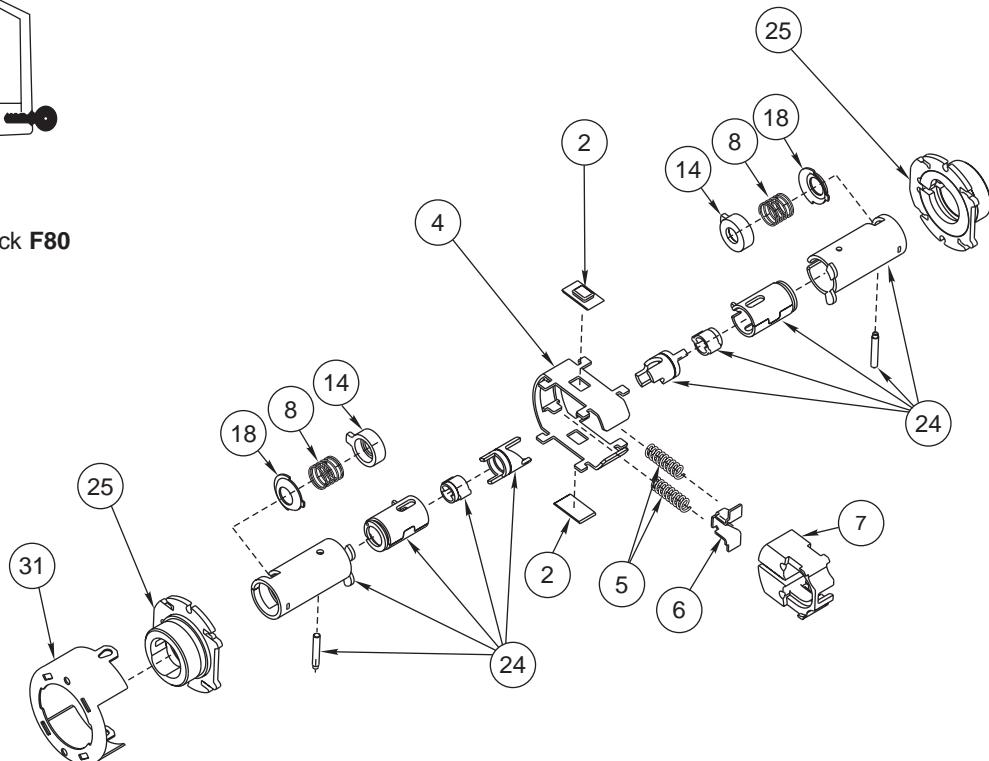
Part #14-5418-0902-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	1
14	Pawl	1
18	Spring Seat	1
24	Classroom Spindle Assembly	1
31	Case Cover	1
34	Connecting Bar	1
35	Driver Hub	1

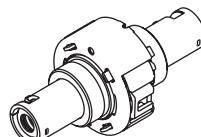
5421LN



Communicating Lock **F80**



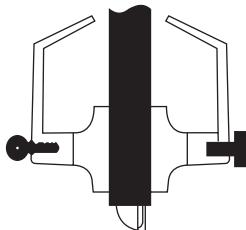
Sold as complete lock body assembly only.



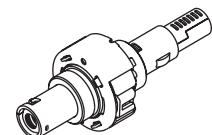
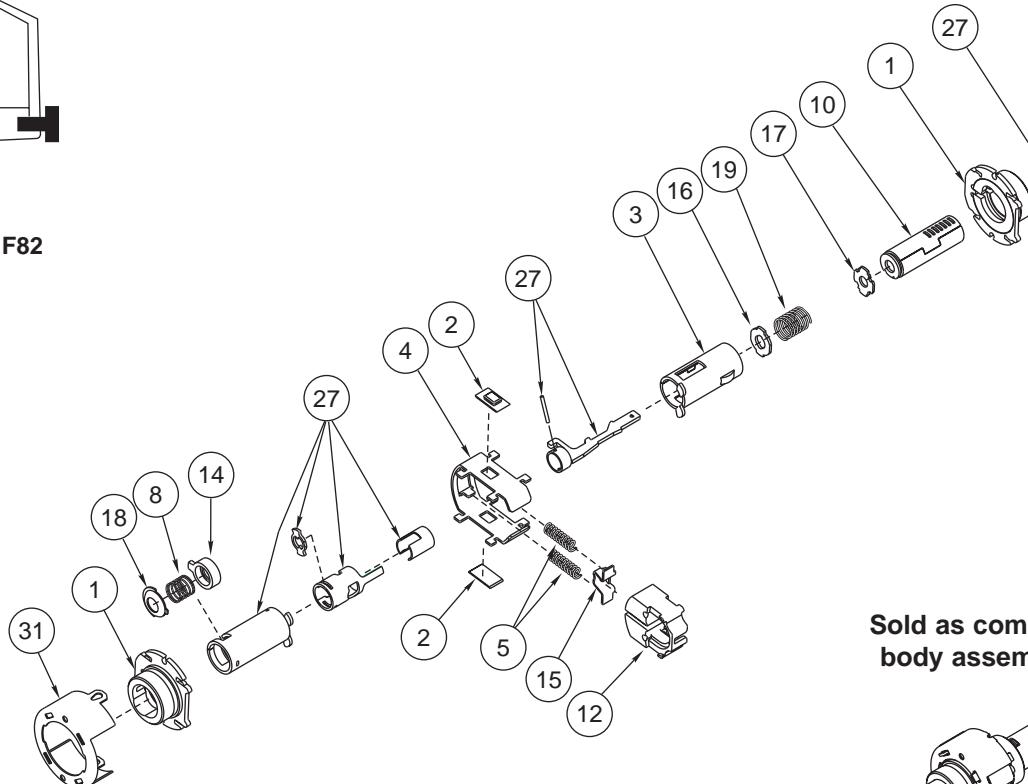
Part #14-5421-0901-048

ITEM	DESCRIPTION	QUANTITY
2	Nylon Bushing	2
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	2
14	Pawl	2
18	Spring Seat	2
24	Classroom Spindle Assembly	2
25	Flange Assembly	2
31	Case Cover	1

5422LN



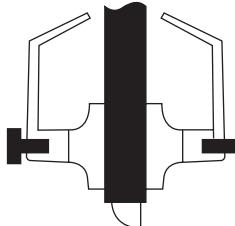
Dormitory Lock F82



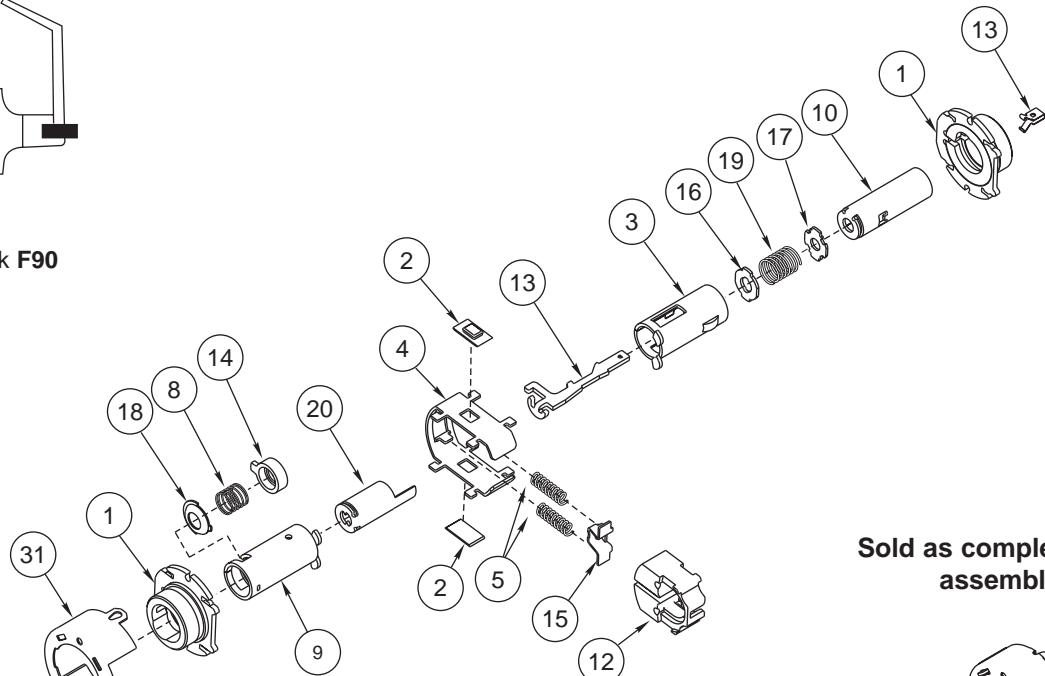
Part #14-5422-0902-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
8	Pawl Spring	1
10	Adjusting Tube	1
12	Retractor #2	1
14	Pawl	1
15	Catch	1
16	Spring Bank	1
17	Connecting Washer	1
18	Spring Seat	1
19	Spring - #2 Stem	1
27	Spindle Assembly Outside	1
31	Case Cover	1

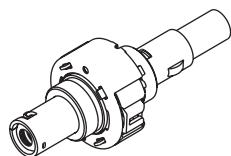
5425LN



Privacy Lock F90



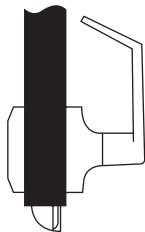
Sold as complete lock body assembly only.



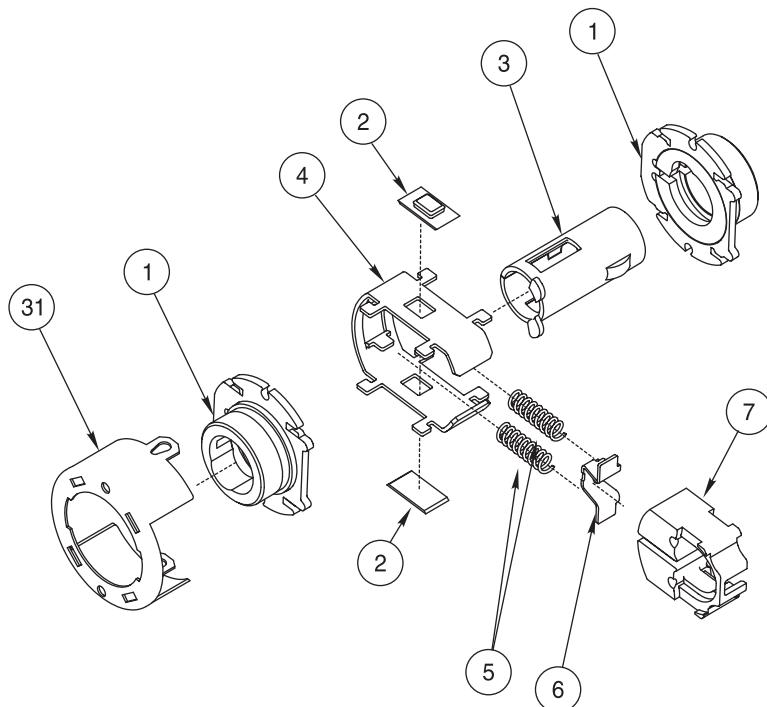
Part #14-5425-0114-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
8	Pawl Spring	1
9	Spindle - Outside	1
10	Adjusting Tube	1
12	Retractor #2	1
13	Stem Assembly	1
14	Pawl	1
15	Catch	1
16	Spring Bank	1
17	Connecting Washer	1
18	Spring Seat	1
19	Spring - #2 Stem	1
20	Release Tube	1
31	Case Cover	1

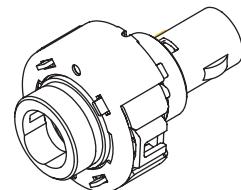
5428LN



Exit Lock



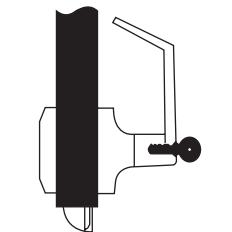
Sold as complete lock body assembly only.



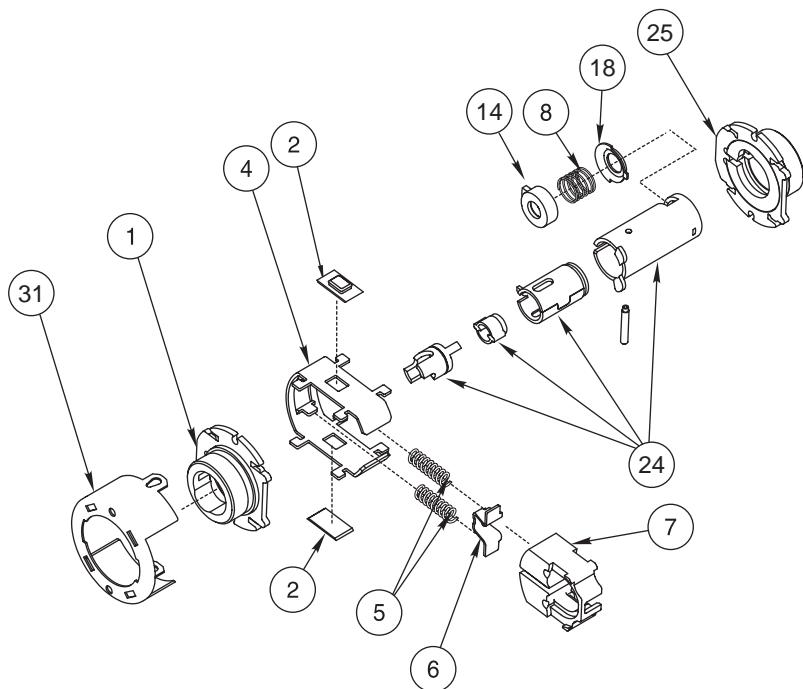
Part #14-5428-0111-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
3	Spindle - Inside	1
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
31	Case Cover	1

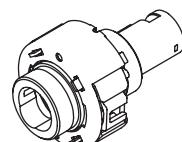
5429LN



Communicating Lock



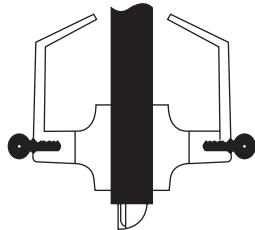
Sold as complete lock
body assembly only.



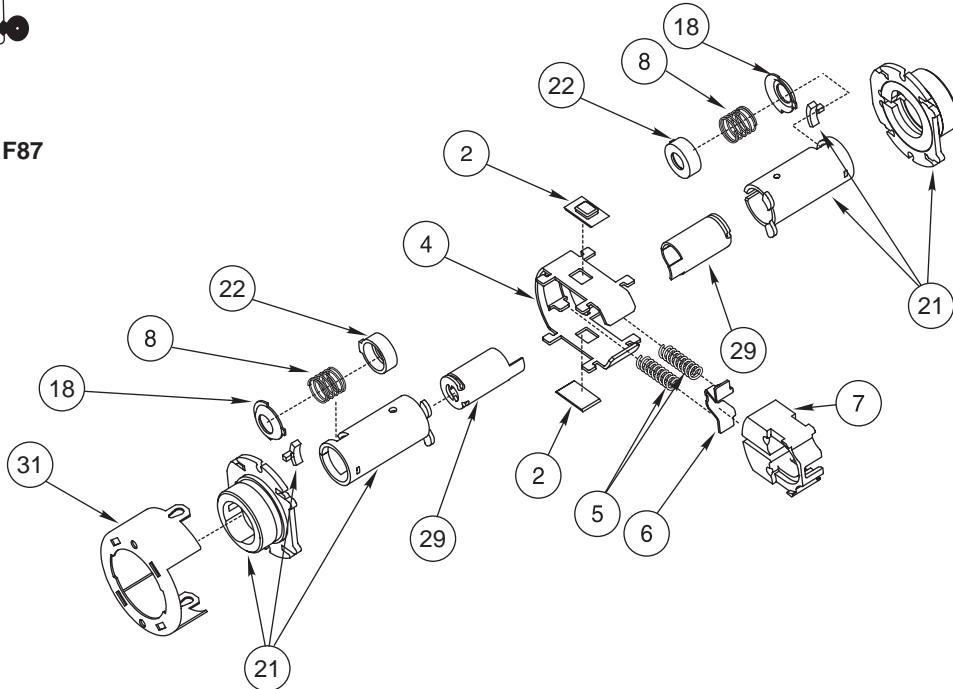
Part #14-5429-0007-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	1
2	Nylon Bushing	2
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	1
14	Pawl	1
18	Spring Seat	1
24	Classroom Spindle Assembly	1
25	Flange Assembly	1
31	Case Cover	1

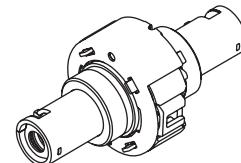
5430LN



Communicating Lock F87



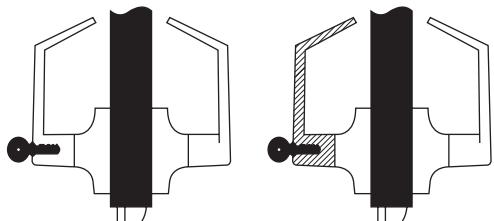
Sold as complete lock body assembly only.



Part #14-5430-0901-048

ITEM	DESCRIPTION	QUANTITY
2	Nylon Bushing	2
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	2
18	Spring Seat	2
21	Spindle/Flange Assembly	2
22	Pawl - Modified	2
29	Release Tube	2
31	Case Cover	1

5490LN/5491LN ELECTRIFIED

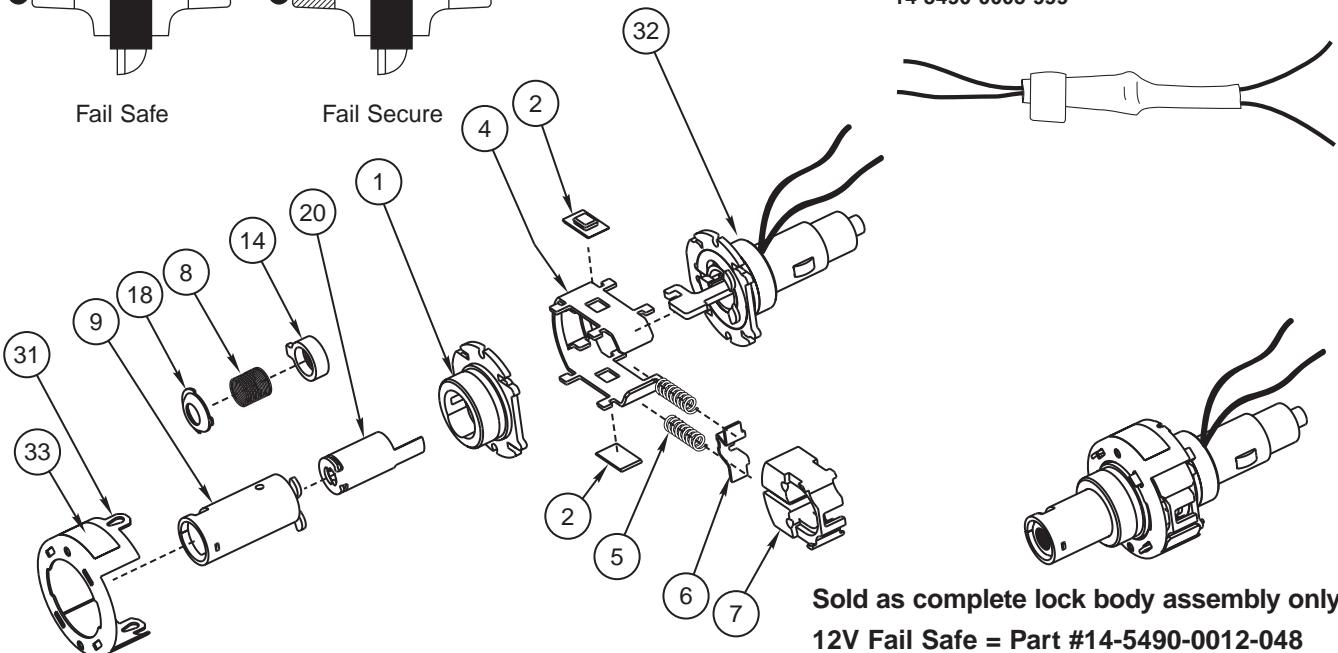


Fail Safe

Fail Secure

12V Rectifier (2 Black Wires) =
14-5490-0004-999

24V Rectifier (2 White Wires) =
14-5490-0005-999



Sold as complete lock body assembly only.

12V Fail Safe = Part #14-5490-0012-048

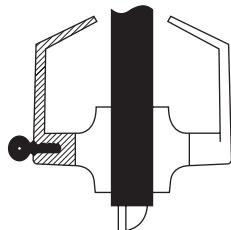
24V Fail Safe = Part # 14-5490-0024-048

12V Fail Secure = Part # 14-5491-0012-048

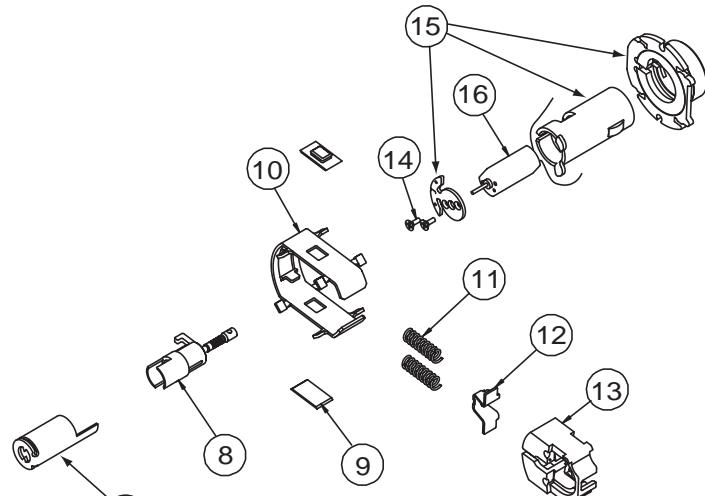
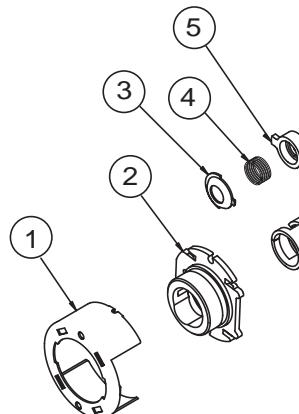
24V Fail Secure = Part # 14-5491-0024-048

ITEM	DESCRIPTION	QUANTITY
1	Flange Assembly	2
2	Nylon Bushing	2
4	Frame	1
5	Spring - Retractor	2
6	Retractor Spring Locator	1
7	Retractor #1	1
8	Pawl Spring	1
9	Spindle - Outside	1
14	Pawl	1
18	Spring Seat	1
20	Release Tube	1
31	Case Cover	1
32	Inside Solenoid Flange Assembly 12V (2 black wires) 24V (2 white wires)	1
33	UL Label	1

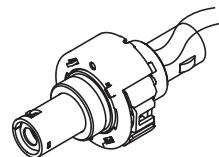
5496LN MOTORIZED



Fail Maintained



Sold as complete
lockbody assembly only.

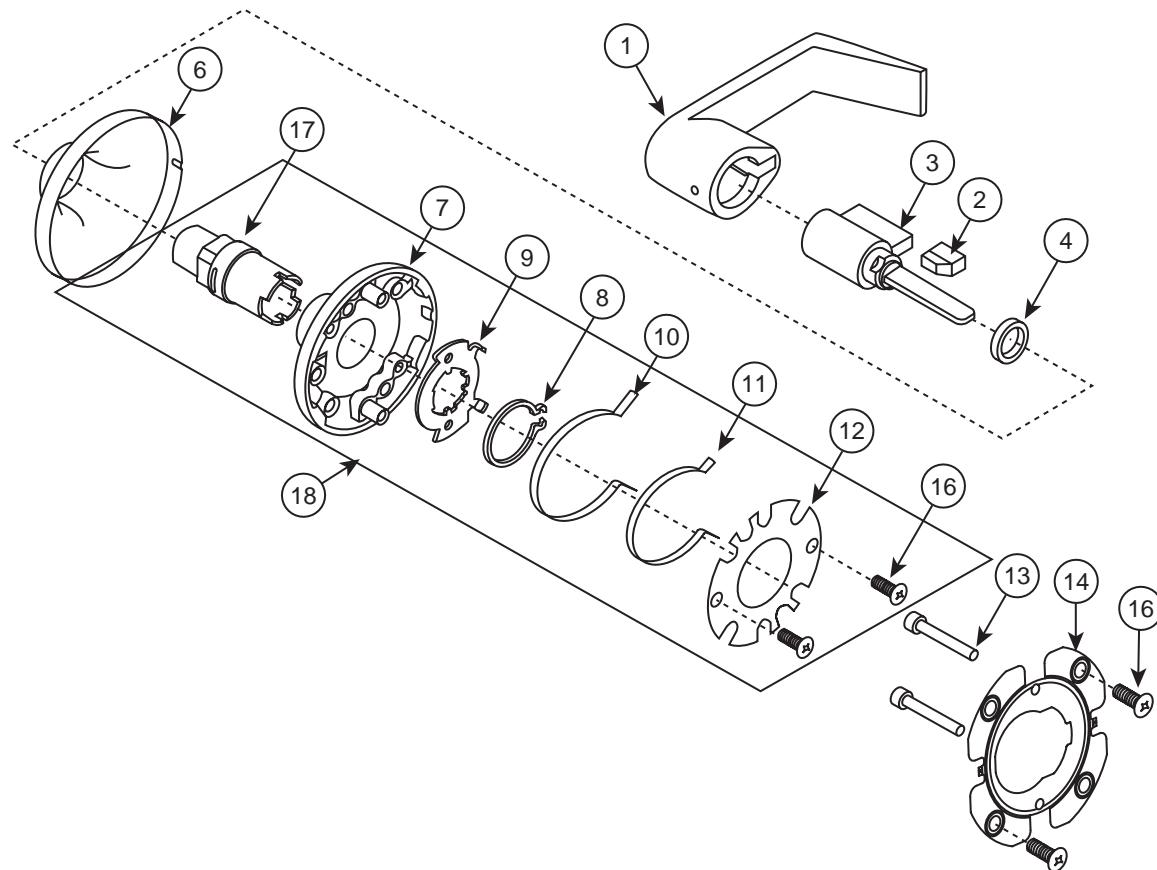


Part #14-5496-0902-048

ITEM	DESCRIPTION	QUANTITY
1	Case Cover	1
2	Flange Assembly	1
3	Spring Seat	1
4	Pawl Spring	1
5	Pawl	1
6	Outside Spindle	1
7	Release Tube	1
8	Motor Actuator Assembly	1
9	Nylon Bushing	2
10	Frame	1
11	Retractor Spring	2
12	Spring Locator	1
13	Retractor, Special	1
14	Screw M2 x .4 x 5	2
15	Inside Motorized Flange Assembly	1
16	9V Motor (Black and Red Wires)	1

OUTSIDE LEVER/ROSE ASSEMBLY

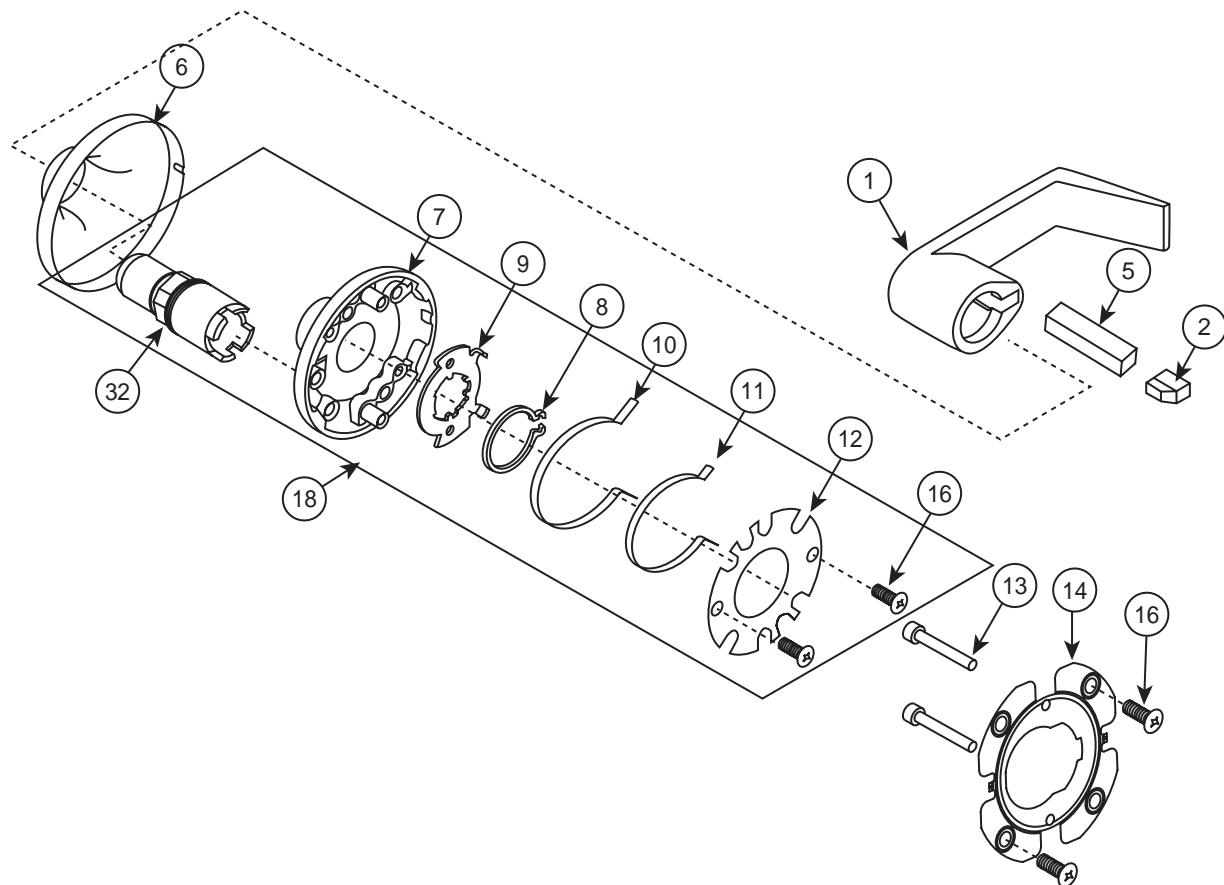
Used on Functions 5404LN, 5405LN, 5406LN, 5407LN, 5408LN, 5417LN, 5418LN, 5421LN, 5422LN, 5430LN



ITEM	PART NO.	DESCRIPTION	QUANTITY
1	See Page 28	Outside Lever Handle	1
2	14-5407-9034-999	Retainer Spring Pad	1
3	1802-FIN-KEYWAY	Cylinder Assembly (Specify keyway and finish, see Page 2)	1
4	14-5407-9201-999	Cylinder Spacer	1
6	14-5401-2711-FIN	Rose Scalp (Specify finish, see Page 2)	1
7	14-5401-6756-082	Outside Rose Support	1
8	14-5401-1619-000	Snap Ring	1
9	14-5401-1624-048	Stop Plate	1
10	14-5401-1641-999	Lever Spring - Outside	1
11	14-5401-1642-999	Lever Spring - Inside	1
12	14-5401-1757-048	Cover	1
13	14-5401-1410-048	Pin	2
14	14-5401-1623-048	Outside Rose Plate	1
16	81-3811-0406-048	Screw #8-32 x 5/16" PHFH Trilobe	4
17	14-5407-0100-048	Removable Handle Shank/Retainer Assembly	1
18	14-5407-0108-048	Outside Rose/Shank Assembly	1

OUTSIDE LEVER/ROSE ASSEMBLY

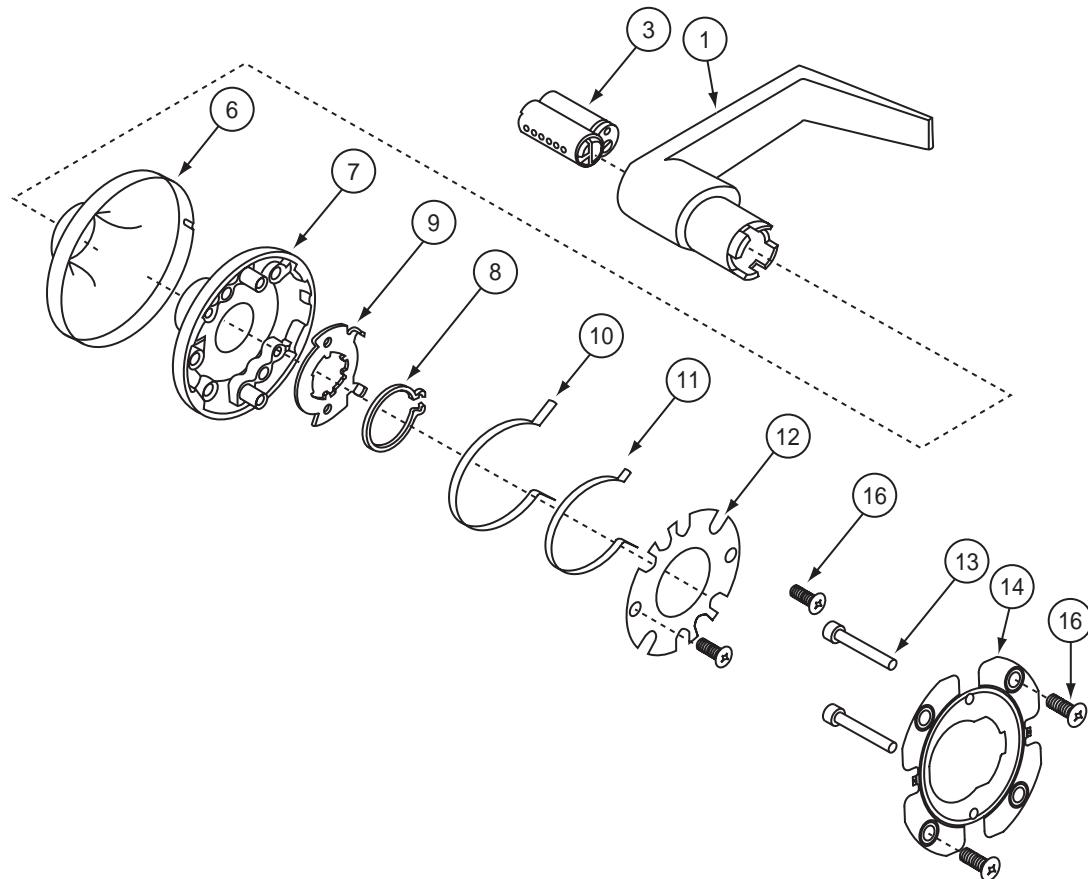
Used on Functions 5401LN, 5402LN, 5403LN, 5409LN



ITEM	PART NO.	DESCRIPTION	QUANTITY
1	See Page 28	Outside Lever Handle	1
2	14-5407-9034-999	Retainer Spring Pad	1
5	14-5401-9580-999	Spring Pad Spacer	1
6	14-5401-2711-FIN	Rose Scalp (Specify finish, see Page 2)	1
7	14-5401-6756-082	Outside Rose Support	1
8	14-5401-1619-000	Snap Ring	1
9	14-5401-1624-048	Stop Plate	1
10	14-5401-1641-999	Lever Spring - Outside	1
11	14-5401-1642-999	Lever Spring - Inside	1
12	14-5401-1757-048	Cover	1
13	14-5401-1410-048	Pin	2
14	14-5401-1623-048	Outside Rose Plate	1
16	81-3811-0406-048	Screw #8-32 x 5/16" PHFH Trilobe	4
18	14-5407-0108-048	Outside Rose/Shank Assembly	1
25	14-5401-1617-048	Inside Shank	1
32	14-5403-1060-048	Inside Shank	1

OUTSIDE LEVER/ROSE ASSEMBLY (REMOVABLE CORE)

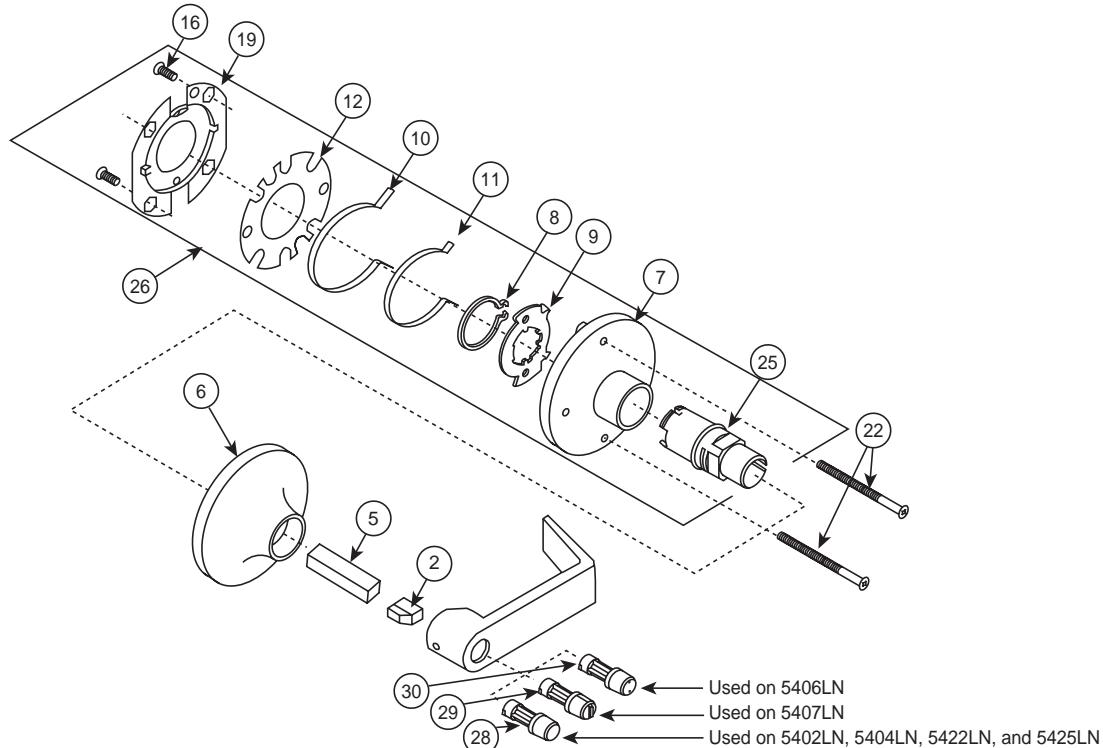
Used on Functions 5404LN, 5405LN, 5406LN, 5407LN, 5408LN, 5417LN, 5418LN, 5422LN



ITEM	PART NO.	DESCRIPTION	QUANTITY
1	See Page 28	Outside Lever Handle	1
3	1210-FIN-KEYWAY	Cylinder Assembly (Specify keyway and finish, see Page 2)	1
6	14-5401-2711-FIN	Rose Scalp (Specify finish, see Page 2)	1
7	14-5401-6756-082	Outside Rose Support	1
8	14-5401-1619-000	Snap Ring	1
9	14-5401-1624-048	Stop Plate	1
10	14-5401-1641-999	Lever Spring - Outside	1
11	14-5401-1642-999	Lever Spring - Inside	1
12	14-5401-1757-048	Cover	1
13	14-5401-1410-048	Pin	2
14	14-5401-1623-048	Outside Rose Plate	1
16	81-3811-0406-048	Screw #8-32 x 5/16" PHFH Trilobe	4

INSIDE LEVER/ROSE ASSEMBLY (PLAIN AND BUTTON)

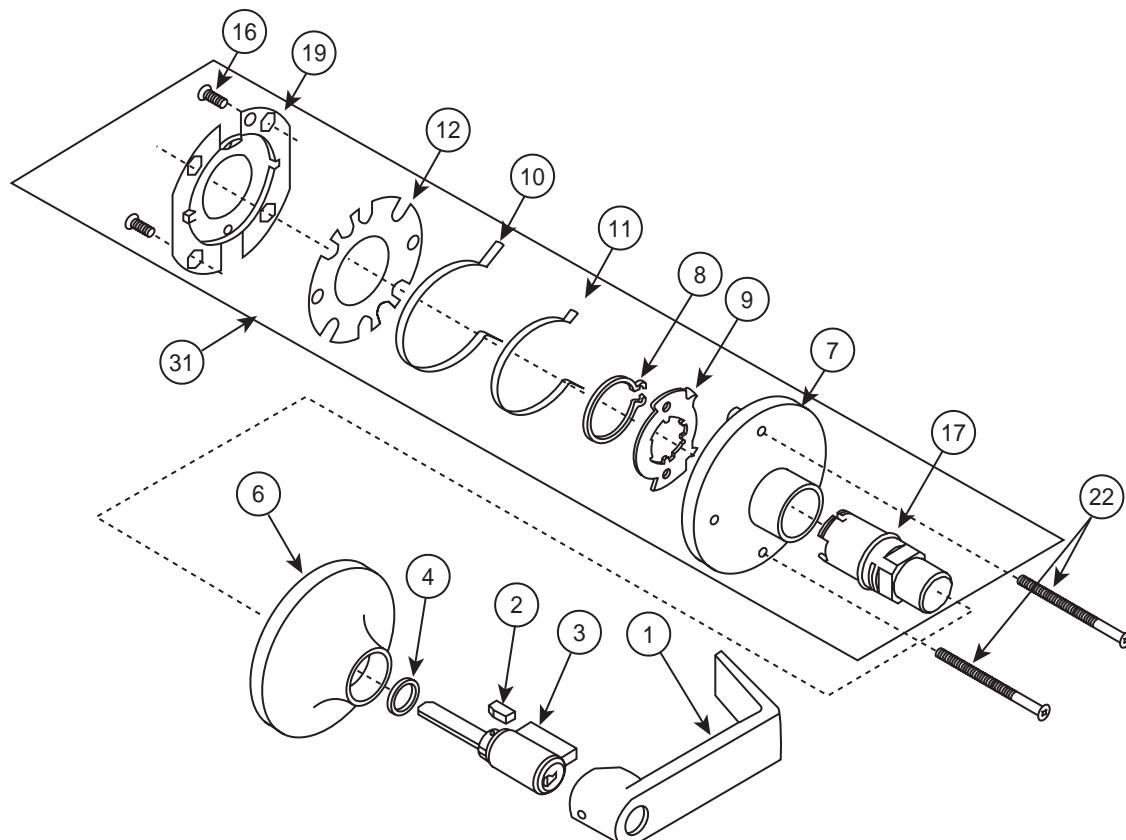
Used on Functions 5401LN, 5402LN, 5403LN, 5404LN, 5405LN, 5406LN, 5407LN, 5408LN, 5409LN, 5422LN, 5425LN, and 5428LN



ITEM	PART NO.	DESCRIPTION	QUANTITY
1	See Page 28	Inside Lever Handle	1
2	14-5407-9034-999	Retainer Spring Pad	1
5	14-5401-9580-999	Spring Pad Spacer	1
6	14-5401-2711-FIN	Rose Scalp (Specify finish, see Page 2)	1
7	14-5401-6756-082	Outside Rose Support	1
8	14-5401-1619-000	Snap Ring	1
9	14-5401-1624-048	Stop Plate	1
10	14-5401-1641-999	Lever Spring - Outside	1
11	14-5401-1642-999	Lever Spring - Inside	1
12	14-5401-1757-048	Cover	1
16	81-3811-0406-048	Screw #8-32 x 5/16" PHFH Trilobe	2
19	14-5401-1628-048	Inside Rose Plate	1
22	88-0012-0584-036	Through-Bolts #10-32 x 2-1/2" FHPMS	2
25	14-5401-0100-048	Inside Shank/Retainer Assembly	1
26	14-5401-0656-048	Inside Rose Assembly	1
28	14-5402-0901-FIN	Pushbutton Assembly (Specify finish, see Page 2)	1
29	14-5407-0901-FIN	Turnbutton Assembly (Specify finish, see Page 2)	1
30	14-5406-0901-FIN	Service Station Button Assembly (Specify finish, see Page 2)	1

INSIDE LEVER/ROSE ASSEMBLY (CYLINDER)

Used on Functions 5417LN, 5418LN, 5421LN, 5429LN, and 5430LN



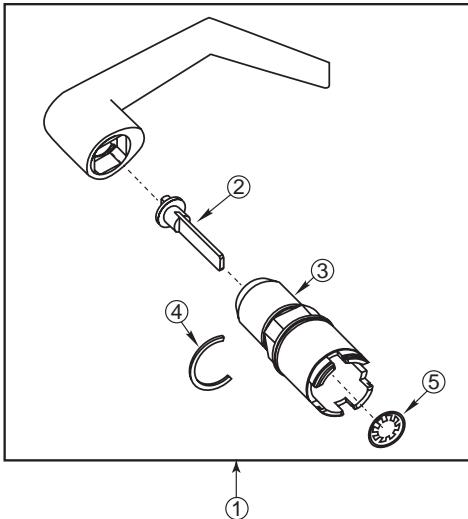
ITEM	PART NO.	DESCRIPTION	QUANTITY
1	See Page 28	Inside Lever Handle	1
2	14-5407-9034-999	Retainer Spring Pad	1
3	1802-FIN-KEYWAY	Cylinder Assembly (Specify keyway and finish, see Page 2)	1
4	14-5407-9201-999	Cylinder Spacer	1
6	14-5401-2711-FIN	Rose Scalp (Specify finish, see Page 2)	1
7	14-5401-6756-082	Outside Rose Support	1
8	14-5401-1619-000	Snap Ring	1
9	14-5401-1624-048	Stop Plate	1
10	14-5401-1641-999	Lever Spring - Outside	1
11	14-5401-1642-999	Lever Spring - Inside	1
12	14-5401-1757-048	Cover	1
16	81-3811-0406-048	Screw #8-32 x 5/16" PHFH Trilobe	2
17	14-5407-0100-048	Outside Shank Assembly	1
19	14-5401-1628-048	Inside Rose Plate	1
22	88-0012-0584-036	Thru Bolts #10-32 x 2-1/2" FHPMS	2
31	14-5417-0109-048	Inside Rose Assembly	1

REMOVABLE CORE LEVER ASSEMBLIES

Yale 6-Pin

ITEM	PART NO.	DESCRIPTION
1	14-5407-0076-FIN*	AU Lever Assembly
	14-5407-0019-FIN*	MO Lever Assembly
	14-5407-0030-FIN*	PB Lever Assembly
2		Cam and Connecting Bar Assembly
3		Shank
4		Retainer Shank
5		Retaining Ring

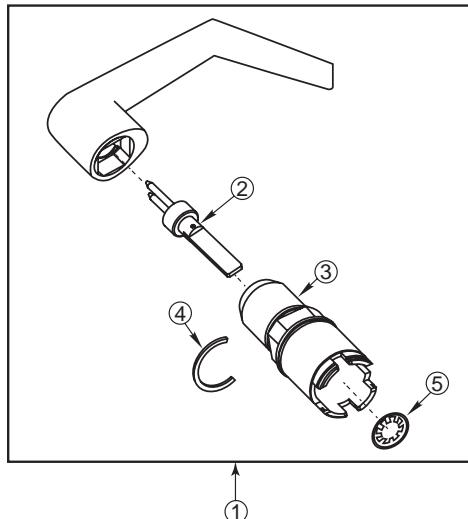
Sold as an Assembly only.



Yale 7-Pin

ITEM	PART NO.	DESCRIPTION
1	14-5407-0077-FIN*	AU Lever Assembly
	14-5407-0021-FIN*	MO Lever Assembly
	14-5407-0031-FIN*	PB Lever Assembly
2		Cam and Connecting Bar Assembly
3		Shank
4		Retainer Shank
5		Retaining Ring

Sold as an Assembly only.



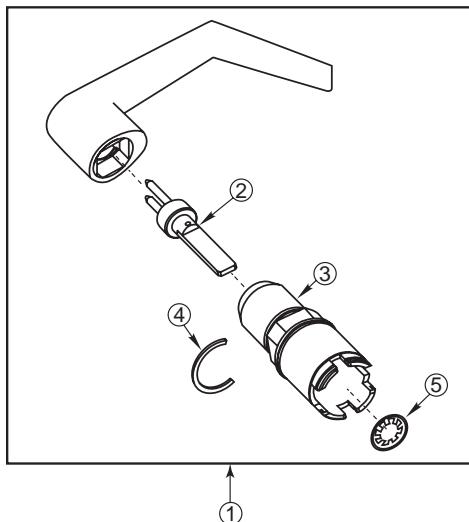
Corbin Russwin

ITEM	PART NO.	DESCRIPTION
1	14-5407-0141-FIN*	AU Lever Assembly
	14-5407-0906-FIN*	PB Lever Assembly
2		Cam and Connecting Bar Assembly
3		Shank
4		Retainer Shank
5		Retaining Ring

Sold as an Assembly only.

*Specify finish, see Page 2

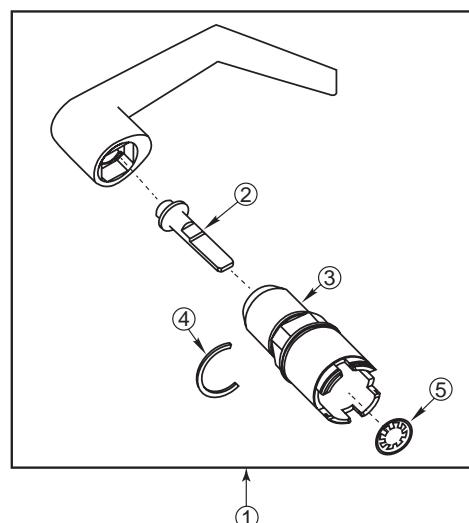
REMOVABLE CORE LEVER ASSEMBLIES



Best®

ITEM	PART NO.	DESCRIPTION
1	14-5407-0040-FIN*	AU Lever Assembly
	14-5407-0041-FIN*	MO Lever Assembly
	14-5407-0042-FIN*	PB Lever Assembly
2		Cam and Connecting Bar Assembly
3		Shank
4		Retainer Shank
5		Retaining Ring

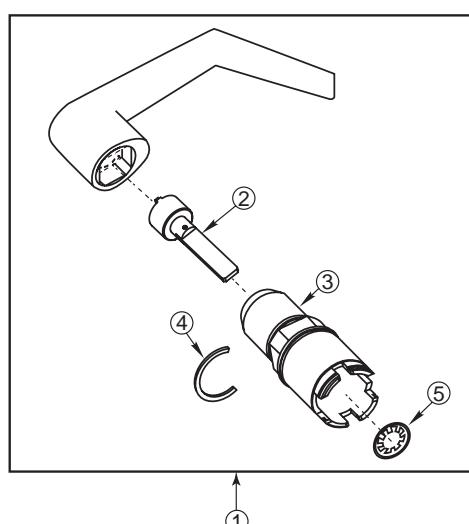
Sold as an Assembly only.



Schlage®

ITEM	PART NO.	DESCRIPTION
1	14-5407-0904-FIN*	AU Lever Assembly
	14-5407-0905-FIN*	PB Lever Assembly
2		Connecting Bar
3		Shank
4		Retainer Shank
5		Retaining Ring

Sold as an Assembly only.



Medeco®, ASSA®

ITEM	PART NO.	DESCRIPTION
1	14-5407-0078-FIN*	AU Lever Assembly
2		Connecting Bar
3		Shank
4		Retainer Shank
5		Retaining Ring

Sold as an Assembly only.

**Specify finish, see Page 2*

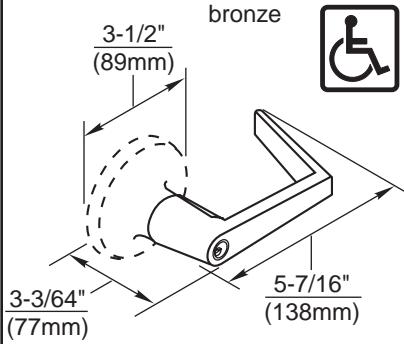
LEVER DESIGNS

Augusta

AU

Lever: Cast Solid

Rose: Wrought brass or bronze

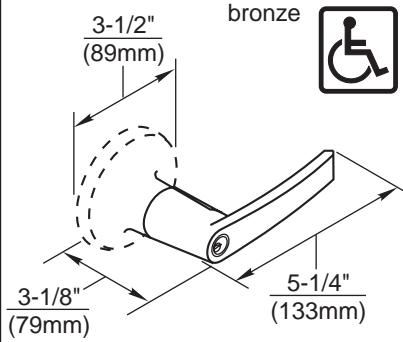


Monroe

MO

Lever: Cast Solid

Rose: Wrought brass or bronze

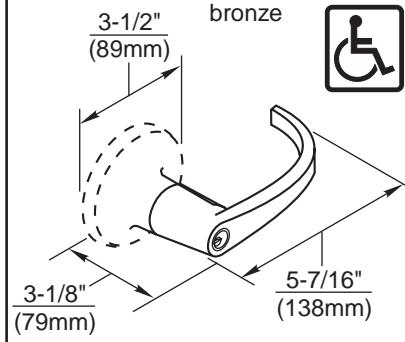


Pacific Beach

PB

Lever: Cast Solid

Rose: Wrought brass or bronze



Part Number (Lever Only)

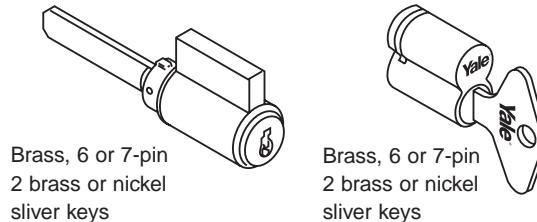
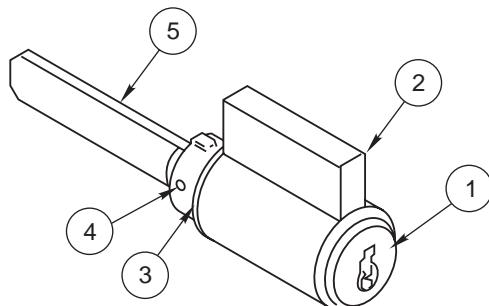
Application	Functions	AU	MO	PB
Plain Inside	01, 05, 08, 09, 28, 455LN	14-5401-6063-FIN*	14-5401-6064-FIN*	14-5401-6062-FIN*
Plain Outside	01	14-5401-6063-FIN*	14-5401-6064-FIN*	14-5401-6062-FIN*
Plain Outside Security	03, 09	14-5403-6053-FIN*	14-5403-6054-FIN*	14-5403-6052-FIN*
Privacy Outside (5402LN)	02	14-5402-6025-FIN*	14-5402-6024-FIN*	14-5402-6023-FIN*
Cylinder (6 or 7 pin)	04, 05, 06, 07, 08 17, 18, 21, 22, 29, 30	14-5407-6038-FIN*	14-5407-6042-FIN*	14-5407-6062-FIN*
Button	02, 03, 06, 07, 22, 25	14-5402-6038-FIN*	14-5402-6042-FIN*	14-5402-6062-FIN*
Yale® I/C 6 Pin Assembly O/S	04, 05, 06, 07, 08, 17, 18, 22	14-5407-0076-FIN*	14-5407-0019-FIN*	14-5407-0030-FIN*
Yale® I/C 7 Pin Assembly O/S	04, 05, 06, 07, 08, 17, 18, 22	14-5407-0077-FIN*	14-5407-0021-FIN*	14-5407-0031-FIN*
Best® I/C 6/7 Pin Assembly O/S	04, 05, 06, 07, 08, 17, 18, 22	14-5407-0040-FIN*	14-5407-0041-FIN*	14-5407-0042-FIN*
Schlage® I/C 6 Pin Assembly O/S	04, 05, 06, 07, 08, 17, 18, 22	14-5407-0904-FIN*	N/A	14-5407-0905-FIN*
Corbin Russwin I/C 6 Pin Assembly O/S	04, 05, 06, 07, 08, 17, 18, 22	14-5407-0141-FIN*	N/A	14-5407-0906-FIN*
Medeco®, ASSA® I/C Assembly O/S	04, 05, 06, 07, 08, 17, 18, 22	14-5407-0078-FIN*	N/A	N/A
Yale® I/C 6 Pin Assembly I/S	17, 18 only	14-5417-6021-FIN*	14-5417-6030-FIN*	14-5417-6040-FIN*
Yale® I/C 7 Pin Assembly I/S	17, 18 only	14-5417-6022-FIN*	14-5417-6031-FIN*	14-5417-6041-FIN*
Best® I/C 6/7 Pin Assembly I/S	17, 18 only	14-5417-6029-FIN*	14-5417-6032-FIN*	14-5417-6042-FIN*
Schlage® I/C 6 Pin Assembly I/S	17, 18 only	14-5417-6059-FIN*	N/A	14-5417-6060-FIN*
Corbin Russwin I/C 6 Pin Assembly I/S	17, 18 only	14-5417-6052-FIN*	14-5417-6039-FIN*	14-5417-6058-FIN*
Medeco®, Assa® I/C Assembly I/S	17, 18 only	14-5417-6023-FIN*	N/A	N/A

CYLINDERS

Yale Standard Cylinder (1802)

ITEM	PART NO.	TYPE
1	96-0000-2154-x FIN* x Keyway	Plug (6-Pin)
	96-0000-2156-x FIN* x Keyway	Plug (7-Pin)
2	14-1801-2021-000	Shell (6-Pin)
	14-1802-2050-000	Shell (7-Pin)
3	99-9999-4561-999	Plug Retainer
4	99-9999-4001-999	Roll Pin
5	14-5407-1039-048	Connecting Bar

*See Page 2 for finish



Application	List No.*	List No.*
Conventional 6-Pin	1802	1210
Conventional 7-Pin	1802A	1220
Conventional 6-Pin for 5417LN**	1802S	1210
Security 7-Pin	5802	5210
Security 6-Pin	5802A	5220

*Specify keyway and finish, see Page 2

**Cylinder with shorter tailpiece required on inside lever of 5417LN function (standard cylinder only)

Compatibility* with Competitive Cylinders

Competitive Cylinder	List No.	Part No.
Schlage® Conventional or Primus	107S	14-5407-0300-048

*Kit that modifies Schlage cylinder to fit 5400LN (cylinder not included)

Cylinders with Competitive Keyways*

Competitive Cylinder	List No.	Part No.
Schlage® C Keyway (0-bitted)	2802	14-5305-0088-004 (606) 14-5305-0088-025 (626)
Schlage® C Keyway (keyed random)	2802	14-5305-0110-004 (606) 14-5305-0110-025 (626)
Sargent® LA Keyway	3802	14-5305-0089-004 (606) 14-5305-0089-025 (626)
Sargent® LA Keyway (keyed random)	3802	14-5305-0109-004 (606) 14-5305-0109-025 (626)

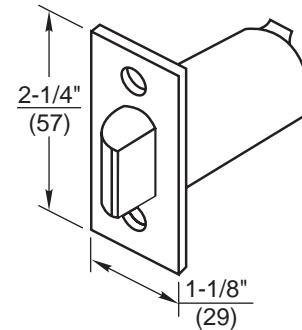
*Included cylinder

LATCHES

Plain Latchbolts

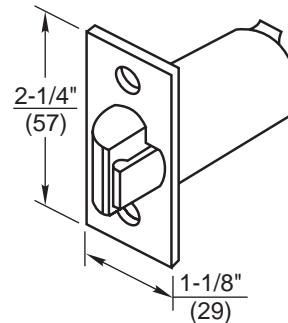
List No.	Front	Backset	Throw	Front Width	Latch Diameter
F693	Flat	2-3/4" (69mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
693	Beveled	2-3/4" (69mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
3693	Beveled	3-3/4" (94mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)

Note: For 3/4" applications, only deadlocking latchbolts available.



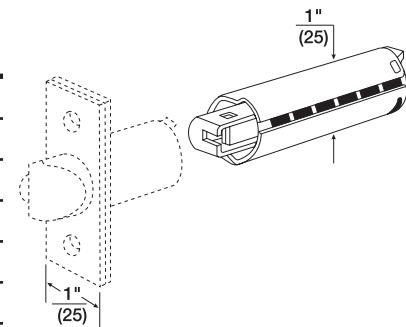
Deadlocking Latchbolts

List No.	Front	Backset	Throw	Front Width	Latch Diameter
F694	Flat	2-3/4" (69mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
F480B	Flat	2-3/4" (69mm)	3/4" (19mm)	1-1/8" (29mm)	1" (25mm)
694	Beveled	2-3/4" (69mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
480B	Beveled	2-3/4" (69mm)	3/4" (19mm)	1-1/8" (29mm)	1" (25mm)
3694	Beveled	3-3/4" (94mm)	1/2" (13mm)	1-1/8" (29mm)	1" (25mm)
3480B	Beveled	3-3/4" (94mm)	3/4" (19mm)	1-1/8" (29mm)	1" (25mm)

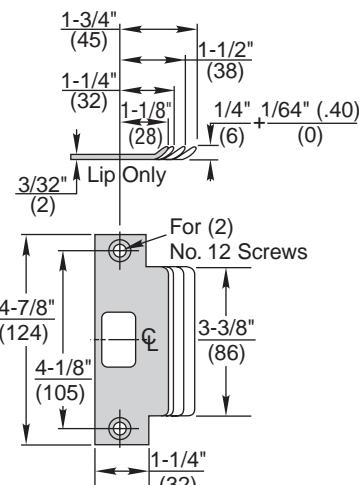
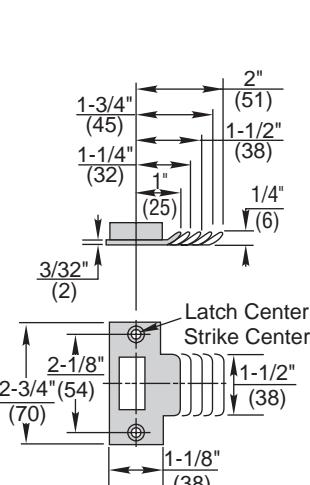
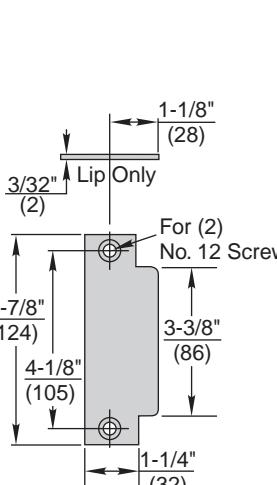
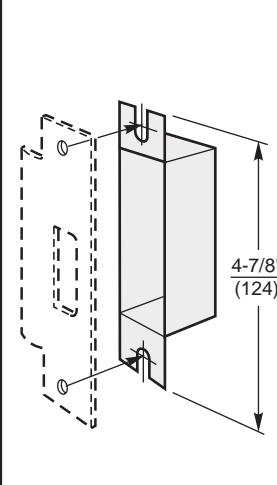


Backset Extension Links

Desired Backset	Latchbolt Backset	Order Extension List No.
5" (127mm)	2-3/4" (70mm)	481DL
6" (152mm)	2-3/4" (70mm)	481
7" (178mm)	2-3/4" (70mm)	482
8" (203mm)	2-3/4" (70mm)	482
18" (46mm)	2-3/4" (70mm)	484
19" (48mm)	3-3/4" (95mm)	484



STRIKES

 <p>List No. 497 ANSI Strike 1-1/4" supplied standard with 5400LN. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order. For door and frames with ANSI A115.2 preparations.</p>	 <p>List No. 495 Strike 1-1/4" curved lip, wrought box supplied. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order.</p>	 <p>List No. 497B Blank ANSI strike available by special order. Installed in frame with standard ANSI 115.2 preparation to replace strike when the lockset has been removed from the door.</p>	 <p>List No. 202 Strike Box available by special order. Specify 497 x 202.</p>
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INSTALLATION INSTRUCTIONS

Yale®

HD Cylindrical Lever Handle Lockset 5400LN Series

Attention Installer

Installation of 5400LN cylindrical locks and latches must be through bolted in all doors.

If installation instructions are not followed this may result in damage to the lock and void the factory warranty.

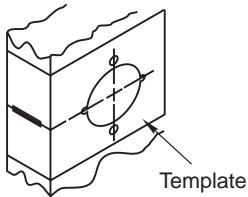
Tools Required

- 2-1/8" (54mm) hole saw
- 1" (25.4mm) boring bit
- 5/16" (8mm) drill bit
- 7/64" (2.5mm) drill bit
- Chisel & hammer
- #2 phillips screw driver
- Handle removal tool (supplied)
- 3/8" or 1/2" drill

IMPORTANT: The accuracy of the door preparation is critical for the proper functioning and security of this lever handle lock. Misalignment can cause premature wear and tear and a lessening of security.

1. Mark door.

Mark horizontal line across edge of door. 40-5/16" (1024mm) is the usual height above the floor. Fold template over edge of door, centering on horizontal line. Mark centers of holes at proper backset.



2. Drill door.

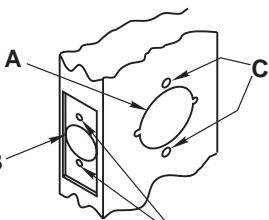
A. Drill 2-1/8" (54mm) dia. hole thru door.

Cut notches as shown on template.

See note. (Except Dummy Trim)

B. Drill 1" (25mm) hole in edge of door.

Mortise for latch front 1-1/8" (29mm) wide x 2-1/4" (57mm) high x 5/32" (4mm) deep. (Except Dummy Trim)



C. Drill two (2) 5/16" (8mm) dia. holes through door.

See note.

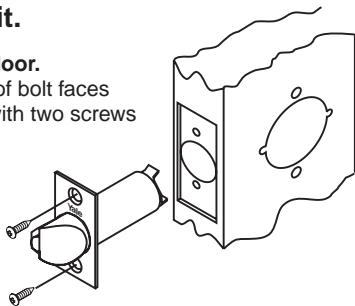
D. Drill pilot holes for latch screws. 7/64" (2.5mm) dia.

(Except Dummy Trim)

NOTE:
To avoid splintering wood doors, drill holes (A) and (C) from both sides of the door.

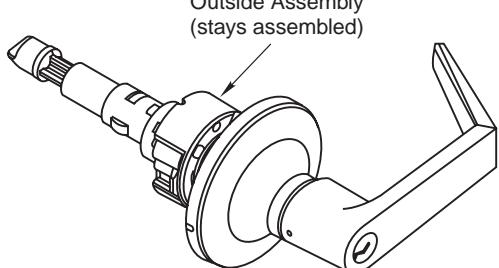
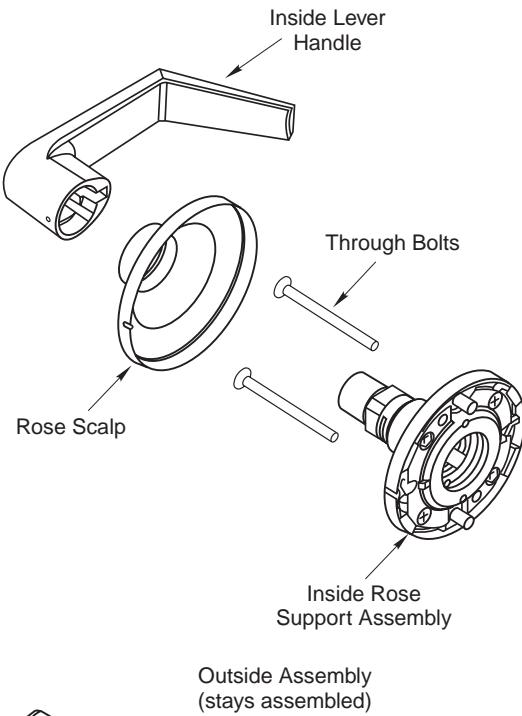
3. Install latch unit.

Insert latch unit in door.
(Be sure bevel edge of bolt faces strike plate.) Attach with two screws supplied.



4. Unpack lock.

A. Remove the lock components from the box.



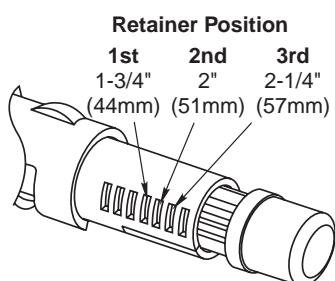
INSTALLATION INSTRUCTIONS

5. Adjust lock for door thickness. *If necessary*

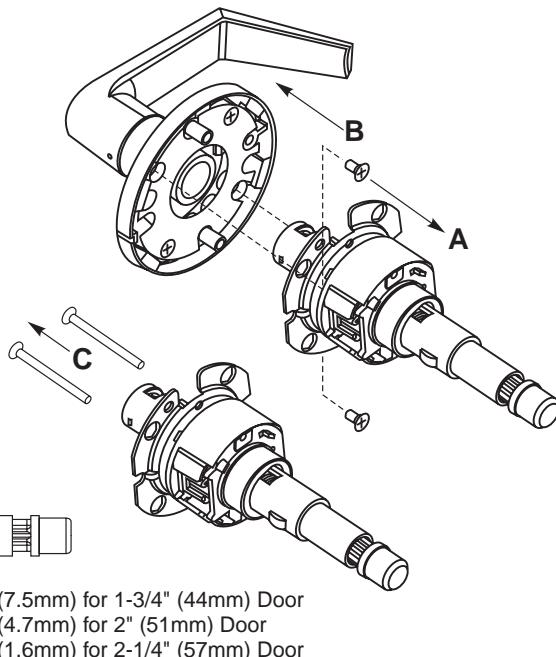
(Lock is packed preadjusted for 1-3/4" (44mm) doors.)

To Adjust for Thicker Door

- A. Remove two (2) screws from outside rose.
- B. Slide outside rose away from lock body.
- C. Pull pins out of lock body.
- D. Back off outside rose plate three (3) revolutions for each 1/4" door thickness increase (see below).
- E. Slide pins back into position.
- F. Fasten outside rose to lock body with two (2) screws.
- G. Adjust turnbutton (5402, 5403, 5404, 5407, 5422 and 5425 locks only). Depress retainer and adjust as shown.



All Functions except 5428.

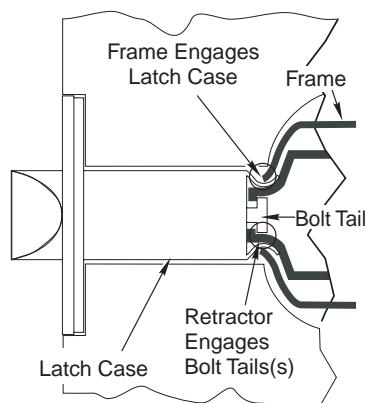


IMPORTANT: Verify Button Function After Installation
To Confirm Correct Adjustment

6. Install lock.

Insert lock body into door from outside making sure that lock body frame hooks latch case and retractor engages bolt tail(s).

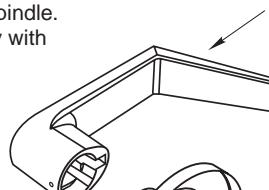
DO NOT FORCE. (If lock body does not engage latch easily, check door preparation for errors.)



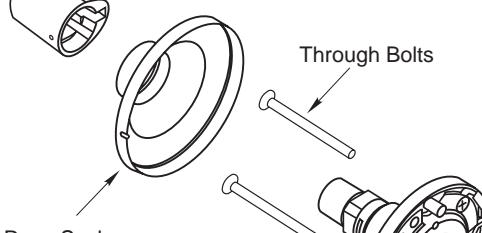
7. Install inside components

- A. Slide inside rose assembly onto lock body. **NOTE:** The groove (see below) must line up with drive lug on spindle. Fasten rose assembly with two thru bolts.

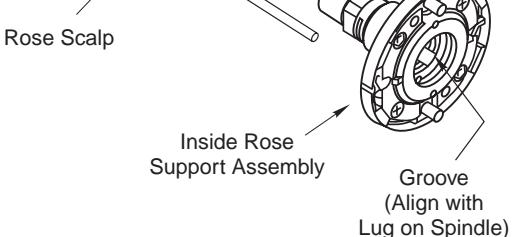
Inside Lever Handle



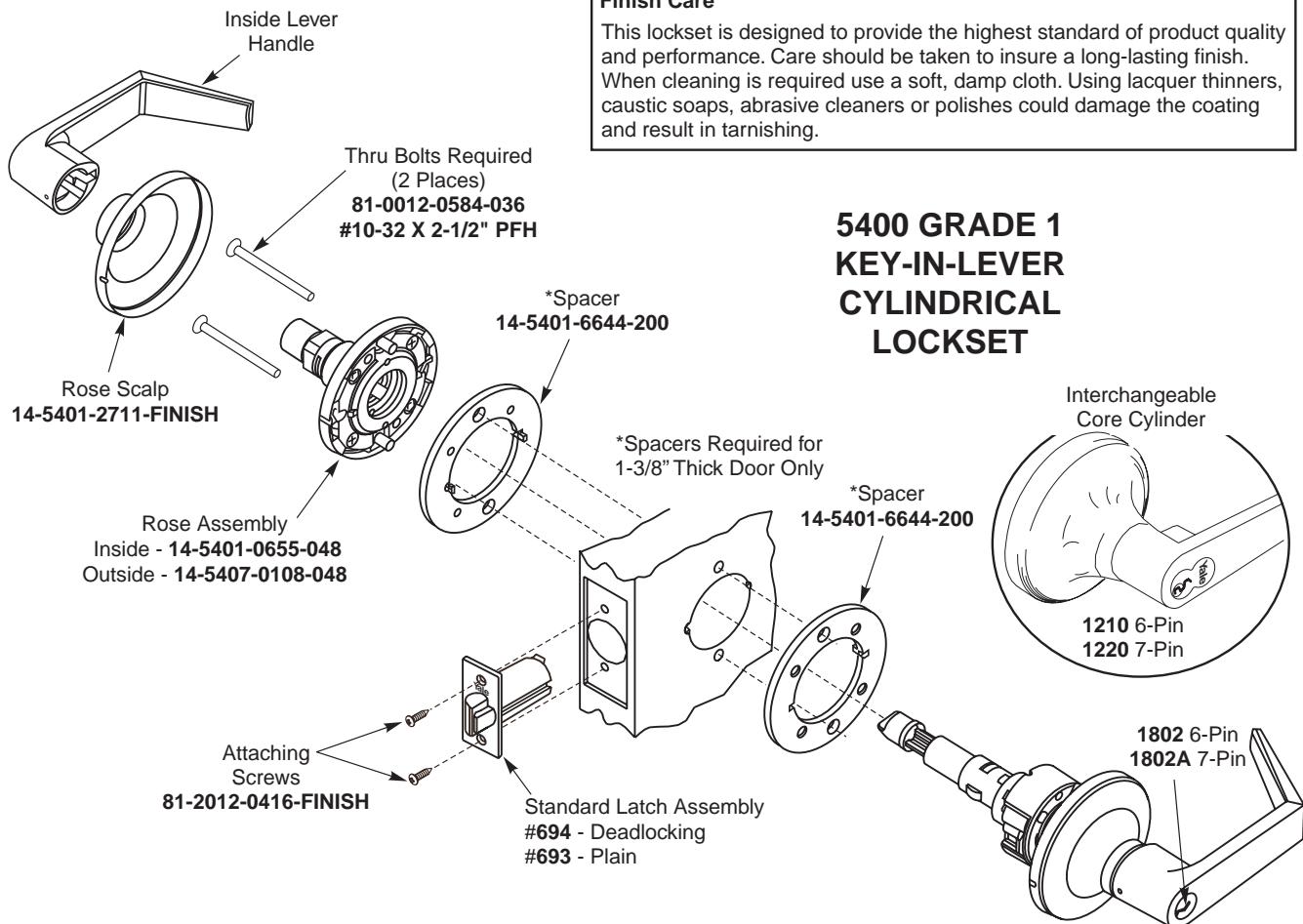
- B. Place rose scalp on rose assembly.



- C. Install lever handle. Snap in place, pull to insure properly seated. (See next page for double cylinder.)



INSTALLATION INSTRUCTIONS



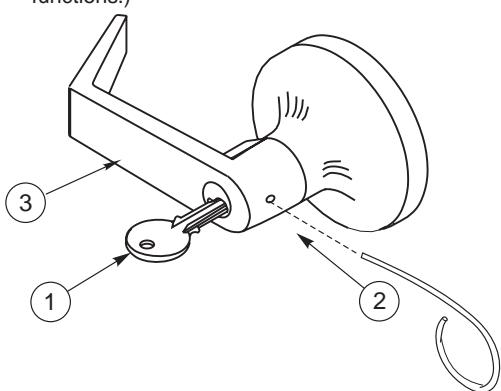
Finish Care

This lockset is designed to provide the highest standard of product quality and performance. Care should be taken to insure a long-lasting finish. When cleaning is required use a soft, damp cloth. Using lacquer thinners, caustic soaps, abrasive cleaners or polishes could damage the coating and result in tarnishing.

5400 GRADE 1 KEY-IN-LEVER CYLINDRICAL LOCKSET

To Remove Cylinder Handle

1. Insert key and rotate clockwise 70°.
2. Depress retainer with tool provided.
3. Slide lever off lock. (Also applies to inside lever of 5417N, 5418LN, 5421LN and 5430LN lock functions.)

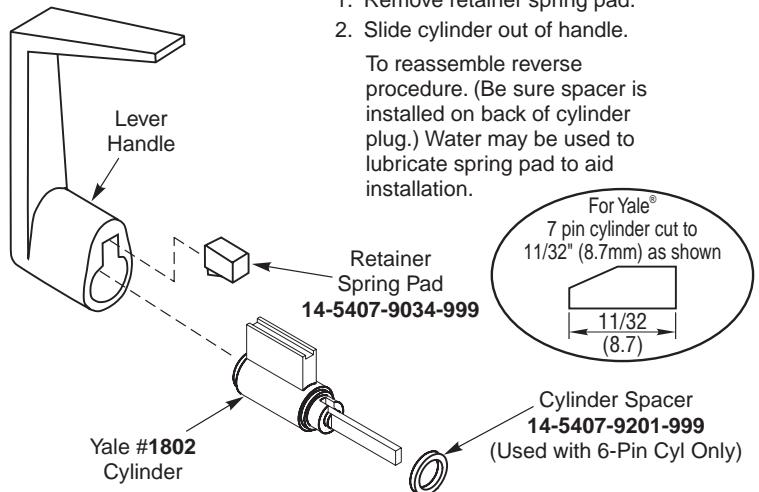


T

o Remove Cylinder from Handle

1. Remove retainer spring pad.
2. Slide cylinder out of handle.

To reassemble reverse procedure. (Be sure spacer is installed on back of cylinder plug.) Water may be used to lubricate spring pad to aid installation.

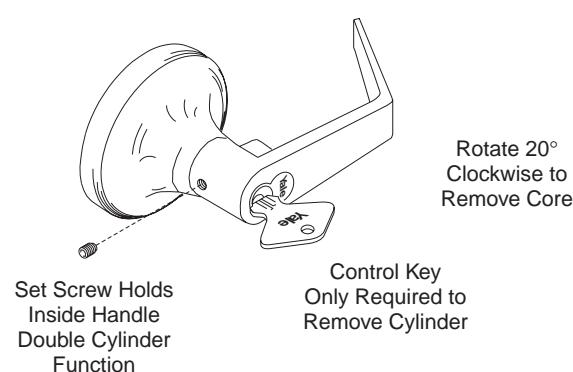


INSTALLATION INSTRUCTIONS

To Remove Inside Handle of 5417LN Function (Removable Core Cylinder)

1. Remove set screw.
2. Slide handle off.

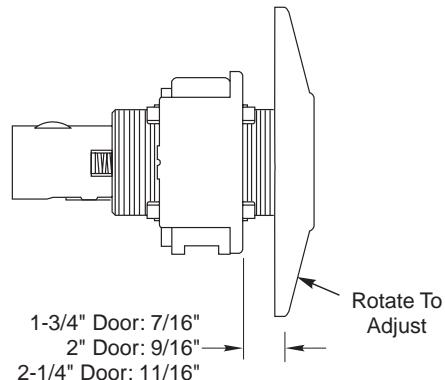
Do not over tighten set screw when assembling.



5428LN Function Only

Adjust for Door Thickness

Turn outside rose to adjust for door thickness. Locks fit doors from 1-3/4" (44mm) to 2-1/4" (57mm) thick.



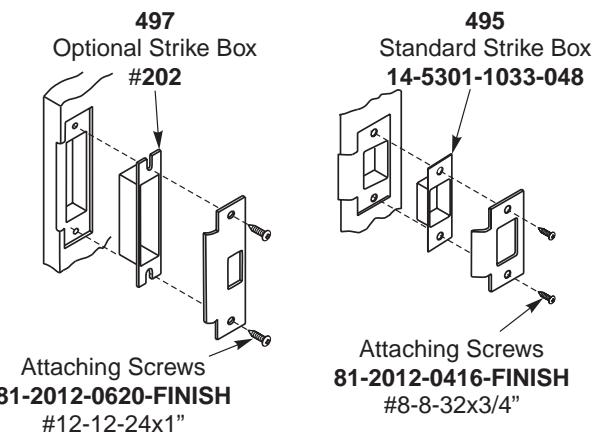
8. Strike Installation (Wood Frames Only)

- A. Close door and mark a horizontal line from the center of the template to the frame of the door.
- B. Measure half the thickness of the door; mark this same distance with a vertical line starting from the stop side of the frame and where both lines cross make a 1" (26mm) diameter hole and 1/2" (13mm) in depth.
- C. Align the holes of the strike with the vertical line, trace the outline of the strike and mortise to 1/16" (1.6mm) depth. Attach the strike with two screws (provided).



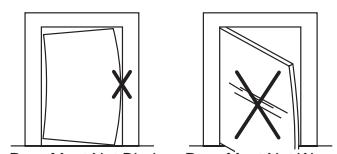
TEST THE OPERATION OF THE LOCKSET
Cycle the lock in both the locked and unlocked positions. If lock functions smoothly when door is open, but binds when closed, check door and frame alignment. If problems are found see troubleshooting below.

STRIKES

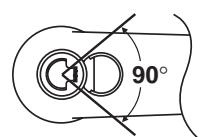
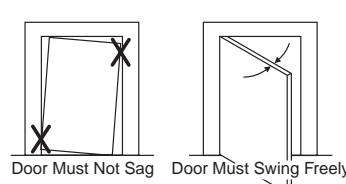


Troubleshooting

1. Check door.
2. Check hinges. They should not be loose or have excessive wear on knuckles.
3. Latchbolt will not deadlock. Either strike is out of line or gap between door and jamb is too great. Realign strike or shim strike out towards flat area of latchbolt.
4. Latchbolt does not retract or extend properly. Latchbolt tail and retractor not properly positioned.
 - A. Remove lockset. Look through 2-1/8" hole and verify latchbolt tail centered between top and bottom of hole.
 - B. Remove latchbolt and insert lockset, look through latch hole and verify retractor mouth centered in hole. Adjust outside rose plate if not. (See #5 on Page 2.)
 - C. Rebore holes if necessary to line up retractor and tail.



For Schlage Removable Core match driver position in handle to the sketch below for proper alignment.



Correct position of Schlage® Connecting Bar when assembled: Notches toward free end of handle.

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